

State of California  
Business, Transportation, and Housing Agency

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Department of Transportation  
Construction Program

# Labor Surcharge & Equipment Rental Rates



Effective April 1, 1995 Through March 31, 1996

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## Rental Rate -- Equipment Classification Index Effective April 1, 1995 through March 31, 1996

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# Memorandum

To : ALL DISTRICT DIRECTORS

Date : April 29, 1996

File No. : Equipment Rental

From : DEPARTMENT OF TRANSPORTATION  
Director's Office  
Mail Station 49

Subject : Equipment Rental Rates Effective April 1, 1996

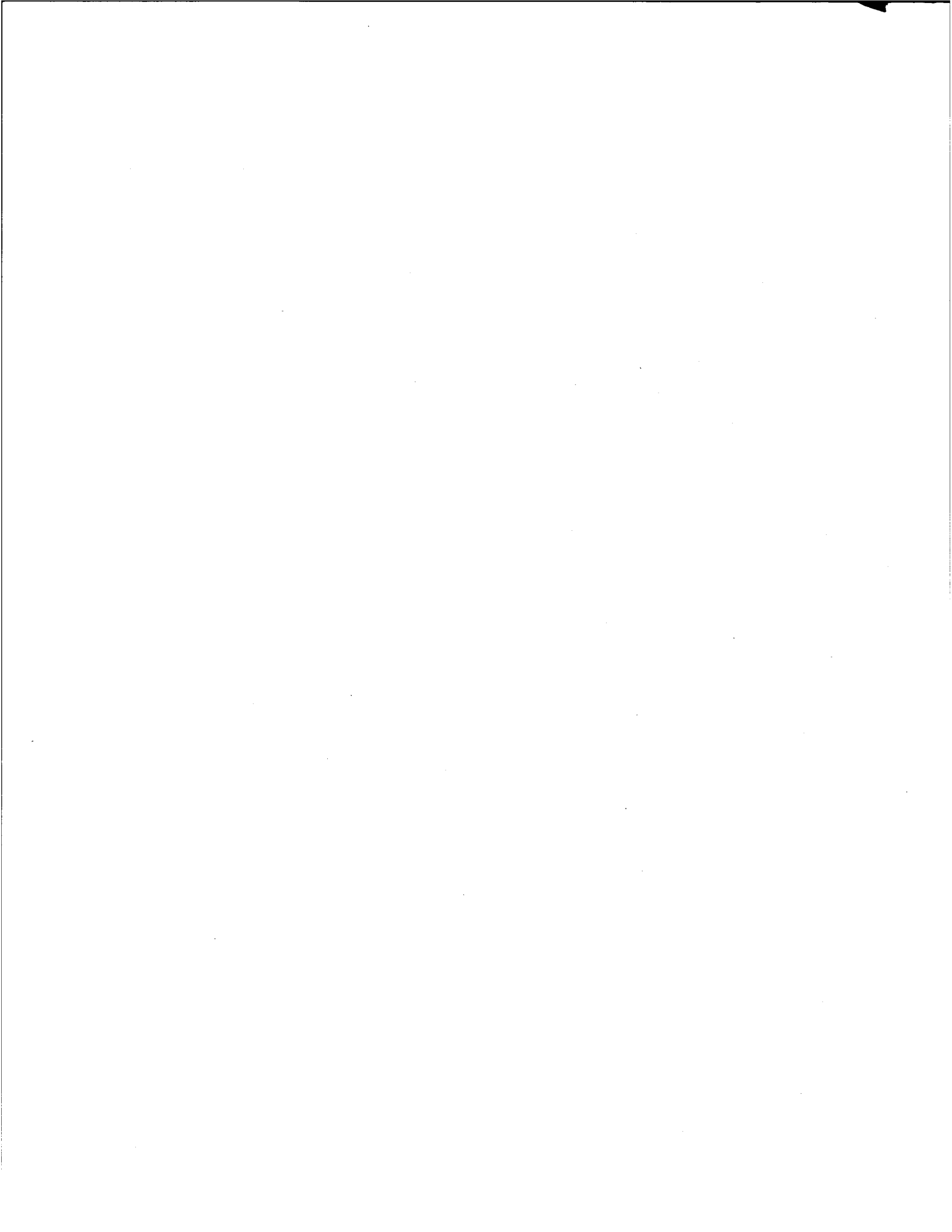
The Equipment Rental Rates published in the Labor Surcharge and Equipment Rental Rates book effective April 1, 1996 through March 1, 1997, are rescinded until further notice. The Equipment Rental Rates effective April 1, 1995 through March 31, 1996, are extended indefinitely.

This action is being taken due to the recent dramatic increase in fuel costs and a major concern by industry that Caltrans utilization factors are high resulting in equipment rates lower than actual industry costs. Caltrans in partnership with industry and Federal Highway Administration (FHWA) will be addressing these issues.

The Labor Surcharge published in the Labor Surcharge and Equipment Rates book effective April 1, 1996 through March 31, 1997, will remain in effect.



R. P. WEAVER  
Deputy Director  
Project Development



## ADDENDUM

This addendum becomes effective **April 1, 1996** and will remain in effect until further notice.

### Labor Surcharge

The labor surcharge compensates the contractor for statutory payroll items stipulated by various governmental agencies. The six items included are Workers' Compensation, Social Security, Medicare, Federal Unemployment, State Unemployment, and State Training taxes. The general rate is an average of the job classifications common to Caltrans projects. Changes to the labor surcharge in the April 1, 1996 book were the result of Workers' Compensation changes : 1) The Legislative elimination of minimum rates effective January 1, 1995 and the implementation of open rating. The rates were derived by using the pure premium rate approved by the Insurance Commissioner effective January 1, 1996 and increasing it by the historical statewide average expense; and 2) In the calculation of the labor surcharge for overtime work, the Workers' Compensation is not included on the premium portion of overtime, as provided by Workers' Compensation regulations.

Exceptions to the general rate are listed below. The exceptions were chosen from the classifications having very high Workers' Compensation Insurance costs. The exceptions should be utilized only for the employee group actually performing the "excepted" task. Questions or disputes should be directed to the Resident Engineer.

The surcharge percentage to be applied to the actual wages paid as provided in Section 9-1.03A(1b) of the Standard Specifications will be **14 percent for regular time (RT)** and **12 percent for overtime (OT)**, except that for the following types of work, said surcharge will be as shown below.

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## EXCEPTIONS

Type of Work Performed	Labor Surcharge Percent	
	RT	OT
Concrete Construction - Bridge .....	21	18
Drilling.....	24	20
Fence & Guardrail Construction .....	22	19
Erection of structural metal for bridges, excluding sign bridges .....	19	17
Landscape Gardener .....	17	15
Mobile Crane & Hoist Service .....	18	16
Painting Steel Structures or Bridges .....	21	18
Pile Driving, not including drilled, cast-in-place concrete piles .....	18	16
Sign Erection or Repair .....	19	17
Wrecking & Demolition .....	16	14

For work that is determined by the Engineer to be covered by Longshoreman and Harbor Worker's Act, an appropriate labor surcharge will be established by the Engineer.

Effective **April 1, 1996**, the rates listed below will replace those listed in the "**Labor Surcharge & Equipment Rental Rates**" book effective April 1, 1995 through March 31, 1996, which has been extended until further notice.

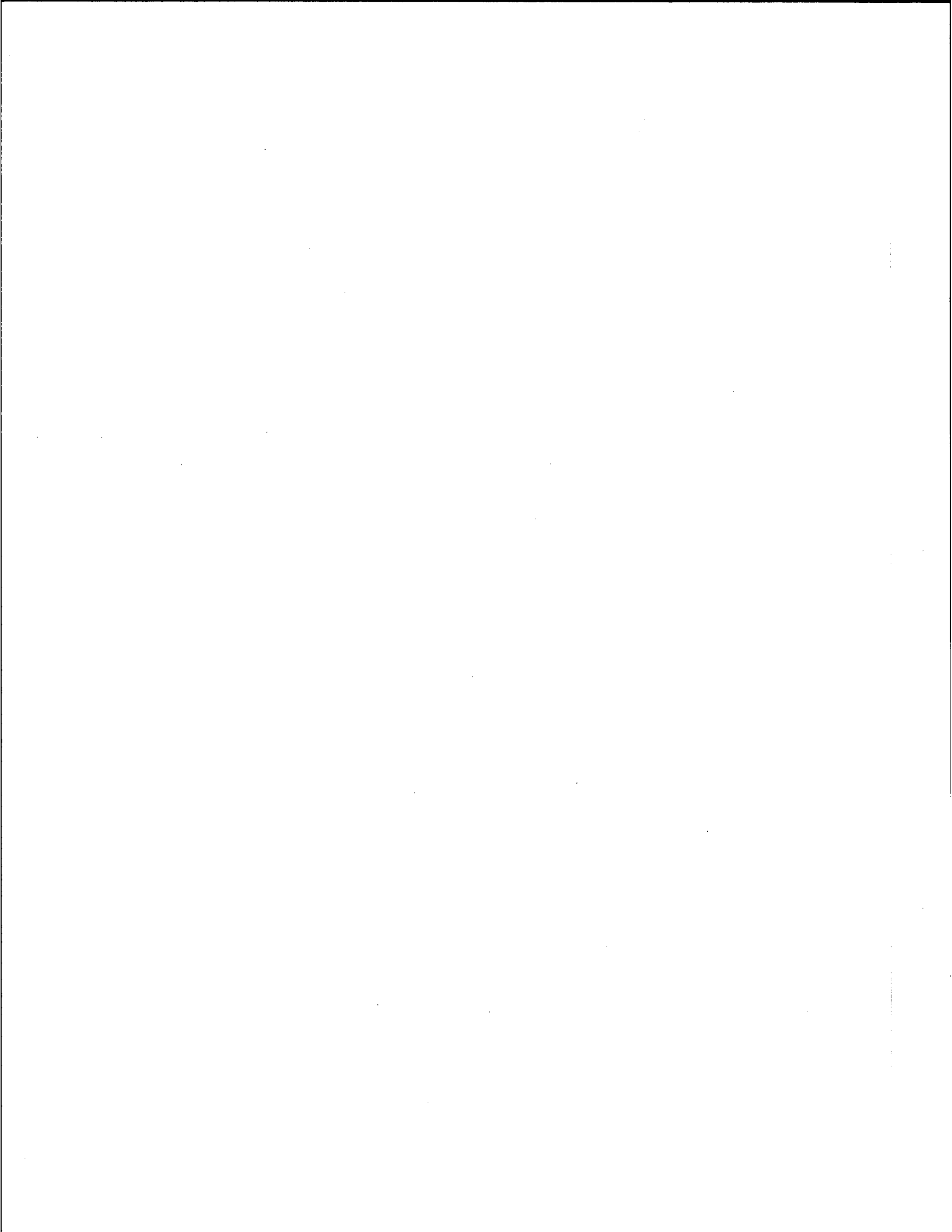
**TRUCK, TRUCK TRAILERS, EXCL DUMP TRUCKS & EQPT TRAIL [TRUCK]**

DELAY FACTOR = 0.25

OVERTIME FACTOR = 0.77

**TRUCKS [T&TT]**

<u>OVER</u>	<u>TO</u>	<u>CODE</u>	<u>RATE</u>
cars, trucks 680 kg (3/4 T) & lighter		<b>PICKUPS</b>	\$7.35
0	5443 (12000) no sm pickup	<b>00-12</b>	\$8.64
5443 (12000)	9072 (20000)	<b>12-20</b>	\$12.61
9072 (20000)	12701(28000)	<b>20-28</b>	\$13.30
12701 (28000)	16330 (36000)	<b>28-36</b>	\$16.71
16330 (36000)	21773 (48000)	<b>36-48</b>	\$20.11
21773 (48000)	27216 (60000)	<b>48-60</b>	\$26.63
27216 (60000) & over		<b>60</b>	\$38.89





**USER'S GUIDE  
FOR LABOR SURCHARGE AND EQUIPMENT RENTAL RATES  
April 1, 1995 - March 31, 1996**

For additional copies of the "Labor Surcharge and Equipment Rental Rates", send \$7.00 per book (tax included) to:

**CALTRANS PUBLICATIONS  
1900 ROYAL OAKS DRIVE  
SACRAMENTO, CALIFORNIA 95815**

## **Changes**

Changes to the equipment rates in the April 1, 1995 book were the result of: 1) preemption of PUC authority to regulate truck rates by the Federal Government required a change in the method of calculating rates for the class "TRUON" (on highway dump trucks). The rates are now calculated on a statewide basis using an average truck configuration for each axle configuration; 2) fuel costs increased; 3) interest rates increased; 4) Producers' Price Index increased; 5) sales tax was unchanged; and 6) freight (F.O.B.) rates were unchanged.

## **Labor Surcharge**

The labor surcharge compensates the contractor for statutory payroll items stipulated by various governmental agencies. The six items included are Workers' Compensation, Social Security, Medicare, Federal Unemployment, State Unemployment, and State Training taxes. The general rate is an average of the job classifications common to Caltrans projects. Changes to the labor surcharge in the April 1, 1995 book were the result of Worker's Compensation changes : 1) The Legislative elimination of minimum rates effective January 1, 1995 and the implementation of open rating. The rates were derived by using the pure premium rate approved by the Insurance Commissioner effective January 1, 1995 and increasing it by the historical statewide average expense; and 2) In the calculation of the labor surcharge for overtime work, the Worker's Compensation is not included on the premium portion of overtime, as provided by Worker's Compensation regulations.

Exceptions to the general rate are listed below. The exceptions were chosen from the classifications having very high Workers' Compensation Insurance costs. The exceptions should be utilized only for the employee group actually performing the "excepted" task. Questions or disputes should be directed to the Resident Engineer.

The surcharge percentage to be applied to the actual wages paid as provided in Section 9-1.03A(1b) of the Standard Specifications will be **13 percent for regular time (RT)** and **12 percent for overtime (OT)**, except that for the following types of work, said surcharge will be as shown below.

# EXCEPTIONS

Type of Work Performed	Labor Surcharge Percent	
	RT	OT
Concrete Construction - Bridge .....	18 .....	16
Drilling .....	23 .....	19
Fence & Guardrail Construction .....	21 .....	18
Erection of structural metal for metal bridges, excluding sign bridge .....	18 .....	16
Landscape Gardener .....	17 .....	15
Mobil Crane & Hoist Service .....	16 .....	15
Painting Steel Structures or Bridges .....	20 .....	17
Pile Driving, not including drilled, cast-in-place concrete piles .....	18 .....	16
Sign Erection or Repair .....	19 .....	16
Wrecking & Demolition .....	16 .....	15

For work that is determined by the Engineer to be covered by Longshoreman and Harbor Workers' Act, an appropriate labor surcharge will be established by the Engineer.

## **Background**

By the authority described in Standard Specifications Section 9-1.03A, compensation for extra work is determined to be the total of the direct equipment costs (rental rate) plus a 15 percent markup for all overhead not included as direct costs. The direct costs include fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs and maintenance, depreciation, storage, insurance, cost of facilities capital, overhaul and all incidentals. The labor costs required to provide the above listed items are also included. The operator cost is not included in the equipment rate.

The calculated rate represents the cost of owning and operating the equipment, which is likely to be lower than the rate charged by a rental yard. The rental yard rate may include additional overhead and profit as well as a premium for short term rentals. In certain situations, factors are applied to the calculated rates to provide ownership-only rates for delay situations or operating-only rates for overtime situations. The rates are calculated using factors for the direct cost items described above. The factors represent an average and are applied to all makes and models of equipment within the class.

## **Overtime and Multiple Shifts**

Certain equipment costs are fixed on an annual basis, no matter how many hours are worked. Once an estimate of the costs and hours of use is made, a rate can be determined. When more than the estimated number of hours are worked (Overtime or Multiple Shift), a duplication of payment occurs on the fixed cost portion of the equipment rate.

In order to avoid this duplication, Caltrans uses a reduced rate for the Overtime or Multiple Shift situation. The definition of the Overtime or Multiple Shift period will be:

*Overtime hours occur after the equipment has worked at force account, eight hours per day (or after the daily equivalent of forty hours per week for special work schedules - 4/10 or 9/80). Multiple shift hours will be paid at the same rate as overtime hours.*

The hours shown on the Daily Extra Work Bill will determine when the Overtime and Multiple Shift is to be used. When the hours worked on force account are eight or less, straight time rates will be used. When the hours worked on force account are more than eight, Overtime and Multiple Shift rates will be used. Saturday, Sunday or holiday work will be paid at the overtime rate except in those cases where these days are considered working days in the special provisions.

Be advised the computed overtime rates are no longer rounded and now equal the product of the straight time rate and overtime factor. The Overtime and Multiple Shift Factor are recalculated annually to reflect changes in the operating costs.

## **Right of Way Delay**

As described in Section 8-1.09 of the Standard Specifications, the Right of Way Delay Factor applied to the equipment rental rate will be the basis for compensation for idle equipment time on Right of Way Delays. The factor has been calculated to include the ownership costs without including operating costs. The Right of Way Delay Factor recovers all the contractor's non-operating costs in an eight hour day. Payment for equipment on Right of Way Delay is limited to eight hours per day or forty hours per week maximum.

The NONOP class for non operated items and the TRAFIC class for traffic safety devices have been separated from traditional "rolling stock" equipment when calculating the Delay Factor. These classes are comprised of items whose depreciable lives are related to the number of uses per year, rather than the number of hours per year. Accordingly, the reasonable compensation for the Contractor's actual loss has been estimated to equal the cost of facilities capital. It should be recognized that these items must be out of service before the Delay Factor is applied. For example, if work behind K-rail is delayed, the K-rail should be paid straight time until it is no longer controlling traffic.

Any use of this factor must have the prior approval of the Resident Engineer. The Right of Way Delay Factor is recalculated annually to reflect changes in the operating costs.

## **Use of Daily Extra Work Bill**

Identification codes and rates are intended to be used with the Caltrans Daily Extra Work Bill (CEM-4902 Series). The class is abbreviated using a 5 digit alpha-code, the make (manufacturer), a 4 digit alpha-code, and the code a 7 digit alpha-numeric code. All three codes must be used to define the equipment when using the automated pay system. Since the majority of items are described by per hour rates, each line has a entry for hours with an allowable maximum of 24. Special items with other than hourly rates should be appropriately checked and then entered in the Regular Hours column. For example, 50 Traffic Cones used 3 days (converts to 1.5, 100-cone-days) requires 1.5 be entered in the Regular Hours column. *Note that any entry in the Delay Factor column will automatically apply the Delay Factor to every equipment entry on the current report.*

Whenever an identification code cannot be found or the rate for a particular date of work performed is not available, updated information should be requested from the Resident Engineer. It is the Resident Engineer's responsibility to establish rates for equipment not found in the Labor Surcharge and Equipment Rental Rates publication. Support for this determination is available from both District and Headquarters Construction Offices. Rates are regularly superseded during contract periods, so use of old publications or expired rates should be avoided.

The equipment is presented with a standard configuration capable of performing work commonly encountered on Caltrans projects. Special attachments or accessories are described under the classification heading in the Labor Surcharge and Equipment Rental Rate book. Attachments other than those described by these remarks will be paid only upon direction of the Resident Engineer.

# EQUIPMENT RENTAL RATES

NOTE --THE FOLLOWING RATES ARE IN EFFECT FROM APRIL 1, 1995 THROUGH MARCH 31, 1996

## ATTACHMENTS

TRACTOR ATTACHMENTS -including power control units and accessories necessary to provide a functional attachment. Dozer blades are included in the standard configuration for both crawler and heavy, rubber tire tractors. Rippers are listed from R1 to R8 and Winches for logging or towing are listed from S1 to S5. Equipment model groups are as follows:

1. Case 300 Thru 800 Series, Cat D-2 thru D-4, Deere 400 & 450, Dresser TD-7 & TD-8, Fiat-Allis FD-5 Thru FD-7, Komatsu D21E Thru D37P, Liebherr PR711 & PR721.
2. Case 1150, Cat D-5, Deere 750, Dresser TD-12, Fiat-Allis FD8 & 10, Komatsu D58P, Liebherr PR731.
3. Case 1450 and 1550, Cat D-6, Deere 850, Dresser TD-15, Komatsu D63PE Thru D68P, Liebherr PR741.
4. Cat D-7 & 814, Dresser TD-20, Fiat-Allis 14 & FD14, Komatsu D83P, Terex 82-30, MRS I-90 Thru I-95.
5. Cat D-8 & 824, Fiat-Allis FD20, Komatsu D135A, Terex 82-40, Michigan 280, MRS I-100, Raygo CHD 17 & CD-500.
6. Cat D-9 & 834, MRS I-105, Raygo CHD 24 & CD 800.
7. Cat D-10, Dresser TD-25, Fiat-Allis FD40, Komatsu 375, Michigan 380, MRS I-110 & I-115, Raygo CDH 30.
8. Cat D-11, Dresser TD-40, Fiat-Allis FD50, Komatsu 475, MRS I-120 & 250.

MODEL	CODE	RATE
Backhoe Rate < \$16.50/hr	BH	\$2.15
Backhoe Rate > \$16.50/hr	BH	\$2.54

MODEL	CODE	RATE
Clam action Bucket <\$20/hr	CB	\$2.04
Clam action Bucket <\$40/hr	CB	\$3.20
Clam action Bucket >\$40/hr	CB	\$5.48

MODEL	CODE	RATE
Elec Blade Control for Graders	EB	\$6.92
Ripper on No. 1 Models	R1	\$1.74
Ripper on No. 2 Models	R2	\$2.96
Ripper on No. 3 Models	R3	\$3.51
Ripper on No. 4 Models	R4	\$5.72
Ripper on No. 5 Models	R5	\$9.81
Ripper on No. 6 Models	R6	\$10.78
Ripper on No. 7 Models	R7	\$16.34
Ripper on No. 8 Models	R8	\$20.37
Winch on No. 1 Models	S1	\$3.18
Winch on No. 2 Models	S2	\$4.52
Winch on No. 3 Models	S3	\$5.31
Winch on No. 4 Models	S4	\$5.86
Winch on No. 5 Models	S5	\$6.41
Front Wheel Drive	TF	\$1.96
Lift Gate	TG	\$0.31
Pump, Water Truck	TP	\$0.48
Winch, Truck	TW	\$0.20
Gas Welding Hose per 15.2 m (50 lf)	WH	\$0.01
Elec Welding Lead per 30.5 m (100 lf)	WL	\$0.07

## AIR COMPRESSORS [AIRCP]

DELAY FACTOR = 0.27    OVERTIME FACTOR = 0.75

All types of self contained units, regardless of power (gas, diesel and lpg) or type of compression (reciprocating, screw and vane). The listed rates include pipe, 15.2 meters (50 lineal feet) of hose, all hose whips, fittings, coupling and any compressor attachments. Listed in accordance with Mfr's rated capacity in liters per second (cubic feet per minute) at 7 bar (100 psi).

### PORTABLE [PORT]

QVEB	ID	CODE	RATE
0	19 (40)	000-004	\$0.67
19 (40)	76 (160)	004-016	\$5.47
76 (160)	118 (250)	016-025	\$8.10
118 (250)	212 (450)	025-045	\$14.64
212 (450)	354 (750)	045-075	\$23.25
354 (750)	566 (1200)	075-120	\$34.38
566 (1200)	708 (1500)	120-150	\$45.68

## AIR DRILLS, CRAWLER [AIRDL]

DELAY FACTOR = 0.53    OVERTIME FACTOR = 0.50

All types, pneumatically propelled, including attachments. Expendable carbon drill steel, bits and shanks shall be paid by separate invoice. Rated in accordance with the cylinder bore diameter in millimeters (inches).

### CRAWLER DRILLS [CLRF]

QVEB	ID	CODE	RATE
0	100 (4)	0-4	\$18.97
100 (4) & Over		5	\$22.90

## AIR TOOLS [AIRTO]

DELAY FACTOR = 0.63    OVERTIME FACTOR = 0.39

All types including paving breakers, clayspades and diggers, sinker rock drills, trench diggers, sheeting/spike drivers, backfill tampers and hand held grinding tools. Expendable drill steel, bits and breaker points, grinding wheels and shanks shall be paid by separate invoice. Rated by tool weight in kilograms (pounds), determined in accordance with the Mfr's specifications.

### AIRTOOLS [ATOL]

QVEB	ID	CODE	RATE
0	4.5 (10)	0-10	\$0.24
4.5 (10)	9.1 (20)	10-20	\$0.38
9.1 (20)	13.6 (30)	20-30	\$0.44
13.6 (30)	18.1 (40)	30-40	\$0.53
18.1 (40)	27.2 (60)	40-60	\$0.64
27.2 (60) & Over		60	\$1.13

## ASPHALT DIKE & SHOULDER PAVERS [ASDSP]

DELAY FACTOR = 0.25    OVERTIME FACTOR = 0.79

Includes all attachments, accessories and automatic grade and line control.

### A.C. DIKE COMPANY [ACDC]

MODEL	CODE	RATE
No. 1	4050	\$31.05
No. 2	4052	\$38.40
Nos. 43, 44	4054	\$62.03

**ASPHALT PAVING COMPANY [APCO]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
E-1	4000	\$57.98
E-2, E3	4002	\$101.78

**BLAW-KNOX [B-K]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
RW-35 / 38	4075	\$45.12
RW-85	4077	\$10.97
RW-95	4079	\$25.05
RW-100	4081	\$73.47
RW-195D	4083	\$97.80

**DELTA [DLTA]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
DC-1	4085	\$89.03

**ASPHALT PAVERS [ASPAV]**

DELAY FACTOR = 0.29 OVERTIME FACTOR = 0.76

Includes all attachments, accessories and automatic grade and line control.

**BARBER-GREENE [B-G]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
BG 220	0805	\$81.37
BG 225	0810	\$69.83
BG 240	0815	\$69.54
BG 245	0820	\$80.64
BG 260	0825	\$83.61
BG 260B	0828	\$101.79
BG 265	0830	\$103.37
RT 435	0900	\$70.10
RT 435, 4wd	0905	\$74.33
RT 435, 8-16' screed	0910	\$77.03
RT 435, 4wd, 8-16' screed	0915	\$81.26
RT 445	0920	\$73.25
RT 445, 4wd	0925	\$77.48
RT 445, 10-20' screed	0930	\$80.62
RT 445, 4wd, 10-20' screed	0935	\$84.85
RT 455	0940	\$75.24
RT 455, 4wd	0945	\$79.47
RT 455, 10-20' screed	0950	\$82.61
RT 455, 4wd, 10-20' screed	0955	\$86.84
RT 465	0960	\$89.69
RT 465, 4wd	0965	\$93.93
RT 465, 10-20' screed	0970	\$97.07
RT 465, 4wd, 10-20' screed	0975	\$101.30
SB 111	1418	\$44.56
SB 121	1418	\$53.64
SA 125	1419E	\$59.87
SB 131	1420	\$67.46
SB 140	1425	\$81.22
SA 141	1430	\$57.27
SA 145	1432	\$75.46
SA 150	1435	\$93.74
SB 170	1440	\$93.31

**BLAW-KNOX [B-K]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
PF-22	1490	\$28.39
PF-35	1550	\$43.75

PF-115	1750	\$84.70
PF-120H	2010	\$66.23
PF-171	2090	\$83.94
PF-180	2100	\$36.60
PF-180H	2204	\$88.48
PF-200	2250	\$100.25
PF-200, 18' screed	2252	\$110.64
PF-220	2300	\$107.84
PF-400A	2350	\$81.96
PF-500	2404	\$102.01
PF-500, 18' screed	2406	\$110.39

**CATERPILLAR [CAT]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
AP-200	2420	\$22.76
AP-800	2430	\$67.66
AP-1050	2431	\$100.88
AP-1200	2440	\$89.98

**CEDAR RAPIDS [CEDR]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
BSF-2H	2550	\$57.80
BSF-3R	2600	\$57.44
BSF-330	2655	\$59.36
BSF-400	2660	\$60.40
BSF-420	2664	\$60.84
BSF-520	2666	\$77.01
BSF-530	2667	\$66.20
BSF-531	2667A	\$82.20
BSF-541	2667H	\$92.04
BSF-620	2668	\$98.67
CR-431	2669	\$71.13
CR-551	2670	\$109.42
CR-461	2672	\$97.04
CR-561	2674	\$117.14

**ETNYRE [ETNR]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
FC-400	2675	\$45.97

**LAYTON [LYTN]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
F-525	2680	\$10.84
D-550	2682	\$13.67
H-500B	2684	\$4.52

**PIONEER [PION]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
12 SERIES B	3300	\$50.70

**RAYGO [RAGO]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
120	3380	\$21.29

**ASPHALT WINDROW/PICKUP MACHINES [ASPWP]**

DELAY FACTOR = 0.21 OVERTIME FACTOR = 0.83

Includes all attachments and accessories.

**ATHEY [ATHY]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
7-11	5000	\$39.09
7-12	5002	\$47.85

**BARBER-GREENE [B-G]**

MODEL	CODE	RATE
BG-610H	5100	\$35.94

**CATERPILLAR [CAT]**

MODEL	CODE	RATE
WE-601B	5200	\$34.15

**CLARK'S WELDING COMPANY [CLAR]**

MODEL	CODE	RATE
500	5300	\$26.59
Lincoln 660	5305	\$36.68

**C.M.I. [CMI]**

MODEL	CODE	RATE
601	5400	\$33.82
851	5405	\$42.30

**AUGERS, CRAWLER MOUNTED [AUGCL]**

DELAY FACTOR = 0.43 OVERTIME FACTOR = 0.60

Includes carrier, attachments and accessories with up to 6.1 meters (20 feet) of auger flights. Consumable bits or tips to be paid by separate invoice.

**AARDVARK [AARD]**

MODEL	CODE	RATE
125	1000	\$73.04

**BAYSHORE [BYSH]**

MODEL	CODE	RATE
8400 TD limited access	1500	\$62.59

**PACIFIC COAST DRILLING COMPANY [PCDC]**

MODEL	CODE	RATE
650 Texoma on 266 Bantam	1800	\$109.76

**SPIRADRILL [SPIR]**

MODEL	CODE	RATE
3230C	1900	\$74.17
3330C	1902	\$74.36

**TEXOMA [TXMA]**

MODEL	CODE	RATE
600CL	2000	\$56.91
700CL	2100	\$84.33

**WATSON [WATS]**

MODEL	CODE	RATE
2000CM	2500	\$69.26
3000CM	2510	\$85.62

**AUGERS, HORIZONTAL [AUGHZ]**

DELAY FACTOR = 0.38 OVERTIME FACTOR = 0.65

Includes all attachments and accessories with up to 9.1 meters (30 feet) of auger flight, track and/or pipe pusher. Consumable bits or tips shall be paid by separate invoice. Power unit is included.

**AKKERMAN [AKMN]**

MODEL	CODE	RATE
360	5000	\$49.10
420 series 1250	5002	\$52.54

**AMERICAN AUGER [AMAU]**

MODEL	CODE	RATE
48 SB modified	5012	\$26.15
36-350	5014	\$24.71

**BORZALL [BORZ]**

MODEL	CODE	RATE
2300-10	5040	\$4.06
4265-10	5042	\$5.62

**RICHMOND [RICH]**

MODEL	CODE	RATE
38-46	5020	\$18.65
24D	5022	\$11.74
30	5024	\$11.32

**AUGERS, TRUCK MOUNTED [AUGTK]**

DELAY FACTOR = 0.31 OVERTIME FACTOR = 0.71

Includes truck/carrier, all attachments and accessories with up to 6.1 meters (20 feet) of auger flight. Consumable bits or tips shall be paid by separate invoice.

**CALWELD [CALW]**

MODEL	CODE	RATE
150-A	5050	\$47.60
200	5052	\$56.56
4500LH	5054	\$118.46

**HUGHES [HUGH]**

MODEL	CODE	RATE
EZ 112	5070	\$35.86
EZ 120	5071	\$37.44
LDH-100	5072	\$107.80
LDH-80	5074	\$105.91
LLDH-120	5076	\$146.48
LLDH-80	5078	\$139.57

**P.D.E. [PDE]**

MODEL	CODE	RATE
M-100	5084	\$16.54
M-400 with hammer	5085	\$23.78

**TEXOMA [TXMA]**

MODEL	CODE	RATE
Economatic 115	5087	\$37.38
Super Economatic	5088	\$43.75
270	5093	\$34.29
330	5095	\$39.98
330 with hammer	5095B	\$50.31
500 with hammer	5096B	\$66.46
600	5097	\$52.71
700	5099	\$91.81

**WATSON [WATS]**

MODEL	CODE	RATE
1000	6010	\$36.71
2000	6012	\$95.69
3000	6014	\$149.78

**BITUMINOUS DISTRIBUTORS [BITDT]**

DELAY FACTOR = 0.21 OVERTIME FACTOR = 0.80

Includes all equipment for handling bituminous materials under pressure. Includes pumps, spray bars and other attachments and accessories.

**TRAILER MOUNTED [TLMD]**

Does not include towing unit. Capacity rated in liters (U.S. gallons).

QVEB	ID	CODE	RATE
0	1136 (300)	0-300	\$2.78

**TRUCK MOUNTED [TRMD]**

Including truck. Capacity rated in liters (U.S. gallons).

QVEB	ID	CODE	RATE
0	3028 (800)	00-08	\$27.87
3028 (800)	5299 (1400)	08-14	\$28.80
5299 (1400)	6831 (1800)	14-18	\$29.62
6831 (1800)	11355 (3000)	18-30	\$30.15
11355 (3000)	15140 (4000)	30-40	\$31.80

**BROOMS & SWEEPING EQUIPMENT [BRMSW]**

DELAY FACTOR = 0.28 OVERTIME FACTOR = 0.74

Includes all attachments and accessories with brooms of any type. Includes broom wear.

**BROOMS - MOUNTED & TOWED [MTTD]**

Includes traction, PTO or engine driven.

MODEL	CODE	RATE
ALL	ALL	\$10.57

**BROOMS - SELF PROPELLED [SFPR]**

MODEL	CODE	RATE
ALL	ALL	\$15.47

**SWEEPERS - SELF PROPELLED, PICK UP [SWSP]**

Rated in accordance with hopper size in cubic meters (cubic yards).

QVEB	ID	CODE	RATE
0	2.3 (3.0)	0-3	\$37.04
2.3 (3.0)	4.6 (6.0)	3-6	\$49.61
4.6 (6.0)	6.9 (9.0)	6-9	\$53.96

**BRUSH CHIPPING & SHREDDING MACHINES [BRUCP]**

DELAY FACTOR = 0.12 OVERTIME FACTOR = 0.89

Includes attachments, accessories and power unit. Rated in accordance with the cutter head width in millimeters (inches).

**BRUSH CHIP & SHRED [BCSM]**

QVEB	ID	CODE	RATE
0	230 (9)	00-09	\$14.76
230 (9)	300 (12)	09-12	\$14.89
300 (12)	405 (16)	12-16	\$16.81

**COMPACTORS, HAND GUIDED [COMHG]**

DELAY FACTOR = 0.33 OVERTIME FACTOR = 0.69

Includes pan, vibrating plate, rammer and jumping jack type compactors, weather gas or diesel. Includes all attachments and accessories. Listed in accordance with Mfr's weight in kilograms (pounds).

**COMPACTORS [COMP]**

QVEB	ID	CODE	RATE
0	113 (250)	0-250	\$1.24
113 (250) & higher		250	\$3.22

**CONCRETE MIXERS [CONMX]**

DELAY FACTOR = 0.48 OVERTIME FACTOR = 0.56

**STATIONARY OR PORTABLE [SORP]**

Rated by Mfr's capacity in cubic meters (sacks or cubic feet).

QVEB	ID	CODE	RATE
0	0.10 (3.5)	0-3.5	\$0.75
0.10 (3.5)	0.17 (6.0)	03.5-6	\$1.44
0.17 (6.0)	0.31 (11)	06-11	\$1.95
0.31 (11)	0.45 (16)	11-16	\$2.57

**TRANSIT MIX [TRMX]**

PTO type, not including carrier. Rated by Mfr's capacity in cubic meters (cubic yards).

QVEB	ID	CODE	RATE
0.8 (1)	3.1 (4)	01-04	\$15.31
3.1 (4)	3.8 (5)	04-05	\$17.68
3.8 (5)	4.6 (6)	05-06	\$19.63
4.6 (6)	5.4 (7)	06-07	\$20.88
5.4 (7)	6.1 (8)	07-08	\$25.82
6.1 (8)	6.4 (9)	08-09	\$26.27
6.4 (9)	7.6 (10)	09-10	\$27.42
7.6 (10)	9.2 (12)	10-12	\$27.76

**CONCRETE PUMPS [CONPM]**

DELAY FACTOR = 0.32 OVERTIME FACTOR = 0.71

Includes truck/carrier or self powered trailer mounted units. Includes attachments, accessories and hoses.

**ELBA [ELBA]**

MODEL	CODE	RATE
K-8020	1000	\$47.58

**MAYCO [MACO]**

MODEL	CODE	RATE
C-30HD	1020	\$7.94
HR-35	1022	\$12.09
LST-3060	1024	\$15.56

**SCHWING [SHWG]**

MODEL	CODE	RATE
BPA-1000	1050	\$20.53
900-1200 w/28 m boom	1055	\$67.24
900-1200 w/32 m boom	1057	\$71.13
BPL 1200 w/36 m boom	1056	\$78.46

**THOMSEN [THOM]**

MODEL	CODE	RATE
A-3.75 w/ mixer	1070	\$11.17
A-7	1072	\$8.16
11 pump w/28 m boom	1076	\$71.59
12 pump w/32 m boom	1082	\$78.81
14 pump w/36 m boom	1084	\$123.74

**CONCRETE SLIPFORM PAVERS [CONSF]**

DELAY FACTOR = 0.33 OVERTIME FACTOR = 0.72

Includes all attachments and accessories. Detached, independently powered finishing bridges or spray/tyne machines are not included.

**C.M.I. [CMI]**

MODEL	CODE	RATE
SF-250	2002	\$114.71



SF-350 series 2	2004	\$204.26
SF-550	2008	\$254.13

**GOMACO [GOMA]**

MODEL	CODE	RATE
GP-2000	2020	\$87.94
GP-2500	2022	\$119.27
GP-3500	2024	\$179.08

**CONCRETE VIBRATORS [CONVB]**

DELAY FACTOR = 0.46 OVERTIME FACTOR = 0.57

Includes all attachments and accessories. Includes vibrator motor but independent power, whether air or electric, shall be paid as a separate item.

**CONCRETE VIBRATOR [CVIB]**

MODEL	CODE	RATE
Each Vibrating Head	EVHD	\$0.54

**CURB EXTRUSION MACHINES [CRBEX]**

DELAY FACTOR = 0.34 OVERTIME FACTOR = 0.71

Self propelled for asphalt or concrete curb and gutter section. Includes attachments, accessories and molds. Rated by Mfr's maximum width recommendations.

**CURB EXTRUSION MACHINE [CEM]**

OVER	ID	CODE	RATE
0	460 (18)	0-18	\$36.38
460 (18) & over		18 plus	\$49.20

**CONCRETE BARRIER SLIPFORM PAVERS [CRBSF]**

DELAY FACTOR = 0.33 OVERTIME FACTOR = 0.72

Includes all attachments, accessories and barrier or curb molds.

**C.M.I. [CMI]**

MODEL	CODE	RATE
SF-175	3000	\$88.34

**CURBMASTER [CURB]**

MODEL	CODE	RATE
CMT 800	3020	\$57.47

**GOMACO [GOMA]**

MODEL	CODE	RATE
GT-6000	3040	\$44.17
COMMANDER II	3045	\$52.34
COMMANDER III	3050	\$68.97

**MILLER FROMLESS [MILL]**

MODEL	CODE	RATE
M-7500	3063	\$73.87
M-8100	3065	\$83.60

**POWER CURBER [PURB]**

MODEL	CODE	RATE
5700	3075	\$60.69
8700	3080	\$85.16

**ELECTRIC GENERATORS & LIGHT PLANTS [ELGEN]**

DELAY FACTOR = 0.24 OVERTIME FACTOR = 0.78

Rates are for gas or diesel power and alternating or direct current.

**GENERATOR [GEN]**

Rated in accordance with Mfr's output in kilowatts.

OVER	ID	CODE	RATE
0	1	000-001	\$0.29
1	3	001-003	\$0.55
3	7.5	003-008	\$1.19
7.5	15	008-015	\$2.43
15	25	015-025	\$5.30
25	50	025-050	\$5.87
50	100	050-100	\$9.84
100	200	100-200	\$16.97
200	300	200-300	\$27.82
300	400	300-400	\$40.32
400	500	400-500	\$49.99

**LIGHTS [LITE]**

Includes trailer, pole and generator.

**MODEL**

MODEL	CODE	RATE
2 Light Set	2 LIGHT	\$2.12
4 Light Set	4 LIGHT	\$4.30

**ELECTRIC POWERED HAND TOOLS [ELTOL]**

DELAY FACTOR = 0.64 OVERTIME FACTOR = 0.38

Includes electric powered, hand held tools not listed elsewhere in this book. Expandable bits, blades, discs, wheels, etc. shall be paid by separate invoice. Rated in accordance with Mfr's suggested retail price.

**TOOLS [TOOL]**

OVER	ID	CODE	RATE
450	600	045-060	\$0.22
600	800	060-080	\$0.30
800	1000	080-100	\$0.38

**FORK LIFT TRUCKS [FKLFT]**

DELAY FACTOR = 0.37 OVERTIME FACTOR = 0.65

Includes attachments and accessories. Listed in accordance with the Mfr's maximum rated capacity in kilograms (pounds).

**FORK LIFT TRUCKS [FLT]**

OVER	ID	CODE	RATE
454 (1000)	1814 (4000)	010-040	\$11.90
1814 (4000)	2722 (6000)	040-060	\$15.75
2722 (6000)	3629 (8000)	060-080	\$18.19
3629 (8000)	5443 (12000)	080-120	\$24.06
5443 (12000)	7258 (16000)	120-160	\$26.15
7258 (16000)	9072 (20000)	160-200	\$31.04
9072 (20000)	11340 (25000)	200-250	\$34.59
11340 (25000)	13608 (30000)	250-300	\$41.33
13608 (30000)	18144 (40000)	300-400	\$46.65
18144 (40000)	22680 (50000)	400-500	\$59.82
22680 (50000)	34020 (75000)	500-750	\$81.31

**GRADERS [GRADR]**

DELAY FACTOR = 0.27 OVERTIME FACTOR = 0.75

Includes ripper and scarifier attachments and all accessories. Electronic blade control and specialty cutting tools shall be paid separately.

**BLADE-MOR [BMOR]**

MODEL	CODE	RATE
727	2173	\$9.49
747	2178	\$15.23

**CATERPILLAR [CAT]**

MODEL	CODE	RATE
120G 87V serial	2685	\$32.78
130G 74V serial	2695	\$36.74
12E 99E serial	2710	\$16.94
12F 73G serial	2768	\$24.75
12F 13K serial	2826	\$22.09
12F 89H serial	2884	\$22.64
12G 61M serial	2890	\$38.70
14E 72G serial	3174	\$27.59
14G	3180	\$58.09
140 14U serial	3250	\$28.81
140G 72V serial	3260	\$40.69
16 49G serial	3290	\$36.68
16 49G800 serial	3348	\$53.48
16 G83U serial	3360	\$83.11

**CLARK [CLRK]**

MODEL	CODE	RATE
PACER 301	1793	\$30.81
SUPER 301	1801	\$35.36
SUPER 401	2017	\$32.47
PACER 501	2137	\$36.24
SUPER 501	2148	\$37.59

**C.M.I. [CMI]**

MODEL	CODE	RATE
AG-55	2192	\$81.54
G-65	2198	\$64.45
G-65B	2200	\$74.25
AG-65	2210	\$68.29
AG-65B	2220	\$77.67

**JOHN DEERE [DEER]**

MODEL	CODE	RATE
JD-570A	3890	\$23.69
JD-570B	3892	\$25.14
JD-670	3900	\$25.58
JD-670A	3905	\$31.38
JD-672A	3907	\$34.69
JD-672B	3908	\$38.11
JD-770	3910	\$29.10
JD-770A, 770A-H	3915	\$37.17
JD-770B	3916	\$39.35
JD-772	3920	\$43.87
JD-772A, 772A-H	3925	\$40.43
JD-772B	3935	\$42.77

**FIAT-ALLIS [F-A]**

MODEL	CODE	RATE
65	0855	\$10.96

65B	0860	\$19.17
100C	1033	\$28.11
150C	1038	\$28.90
200C	1043	\$32.74
FG-75	1048	\$31.44
FG-75A	1050	\$34.04
FG-85	1052	\$35.81
FG-85A	1053	\$37.38
FG-95	1055	\$38.33
FG-95A	1057	\$39.73

**GALION [GALN]**

MODEL	CODE	RATE
503L	4935	\$12.27
A-400E	4940	\$31.14
T-400A	4960	\$28.15
A-450E	4985	\$33.80
S-450E	4990	\$32.46
S-500E	5000	\$34.73
T-500C	5150	\$28.85
T-500L	5204	\$28.19
T-500M	5210	\$33.53
A-500	5220	\$36.42
A-500E	5222	\$35.90
A-550	5225	\$41.58
A-556	5230	\$44.44
A-556E	5235	\$43.51
A-560E	5237	\$40.76
A-600	5240	\$44.79
A-606	5245	\$47.85
S-580E	5250	\$39.48
T-600C	5335	\$38.52

**HUBER [HUBR]**

MODEL	CODE	RATE
D-1500	6026	\$27.40
F-1500	6084	\$31.42
F-1700	6152	\$38.35
F-1900	6200	\$39.95
F-1900C	6210	\$40.86
M-800	6440	\$11.27
M-850	6445	\$10.64
M-850A	6447	\$14.85

**KOMATSU [KOMA]**

MODEL	CODE	RATE
GD 505A-2	8980	\$32.53
GD 515A-1	8986	\$36.92
GD 605A-2	9000	\$35.38
GD 615A-1	9005	\$41.37
GD 625A-1C	9007	\$45.22
GD 655A-2	9010	\$38.23
GD 705A-3,4	9020	\$52.43
GD 825A-1	9025	\$84.80
GD 725A-1	9035	\$59.10

**MITSUBISHI [MITS]**

MODEL	CODE	RATE
MG 100	7180	\$22.13
MG 150	7185	\$25.62
MG 300	7190	\$30.78

MG 400	7188	\$36.69
MG 500	7200	\$41.56
<b>PUCKETT [PUCK]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
510B PB	7705	\$12.81
510C	7710	\$16.07

<b>RAYGO [RAGO]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
RAZOR 350	7720	\$10.10

<b>ROYAL [ROYL]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
80	7735	\$17.52

<b>WABCO [WAB]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
444	8048	\$26.96
444 Powerflow	8080	\$28.16
555	8174	\$32.30
700	8570	\$36.84
777B Powerflow	8820	\$39.48

**HAMMERS, DEMOLITION & PIPE [HAMMR]**

DELAY FACTOR = 0.39 OVERTIME FACTOR = 0.65

Includes attachments, accessories and power unit. Does not include carrier.

<b>AMERICAN PILE DRIVING EQUIPMENT [APE]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
150	0010	\$88.35
180	0050	\$112.76

<b>ALLIED STEEL &amp; TRACTOR [AS&amp;T]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
800	0300	\$42.86
HYRAM 720	0310	\$4.07
HYRAM 725	0320	\$6.63
HYRAM 730	0330	\$9.99
HYRAM 740	0340	\$13.34
HYRAM 750	0350	\$15.96
HYRAM 77	0360	\$6.82
HYRAM 770	0370	\$18.51
HYRAM 780	0380	\$27.09
HYRAM 790	0390	\$35.63
HYRAM 88	0400	\$12.71

<b>DELMAG [DELM]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
D-12	0500	\$20.97
D-16	0510	\$27.69
D-22	0520	\$42.60
D-30	0530	\$29.67
D-30-32	0540	\$47.61
D-36	0550	\$61.17
D-36-32	0560	\$62.16

<b>FOSTER [FOST]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
1700	0600	\$69.39
4030	0630	\$99.58
FNV 1800	0660	\$72.46

<b>KENT [KENT]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
KHB10G	0700	\$12.69
KHB30G	0750	\$22.23

<b>NPK [NPK]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
6XA	0800	\$9.48
H-16X	0820	\$21.31
H-20X	0840	\$32.59
H4X,HXA	0860	\$7.82
H7X	0880	\$11.08

<b>OKADA [OKAD]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
UB-5	0900	\$5.98
UB-8	0950	\$10.84

<b>RAMMER [RAMR]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
S-84	1000	\$34.08
S-86	1050	\$43.95

<b>STANLEY [STAN]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
MB250	1100	\$2.94
MB2900	1120	\$16.48
MB4900	1140	\$32.69
MB550	1180	\$4.22
MB800	1180	\$7.20

<b>TELEDYNE [TELD]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
TB1425X	1200	\$23.87
TB2225X	1220	\$47.02
TB425	1240	\$8.32
TB925X	1280	\$15.20

<b>TRAMAC [TRMC]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
BRH1100	1300	\$27.62
BRH125	1310	\$7.67
BRH250	1320	\$8.96
BRH400	1330	\$9.06
BRH620	1340	\$17.05
BRH750	1350	\$19.73
BRV950	1360	\$20.29

<b>TUNKER [TUNK]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
40.01	1400	\$48.43
40.05	1450	\$78.24

<b>VULCAN [VULC]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
1	1500	\$23.42
10	1520	\$28.04
100C	1540	\$38.25
2300	1560	\$79.48
80C	1580	\$26.70

**HYDRAULIC CRANES & EXCAVATORS, CRAWLER MOUNTED [HCECL]**

DELAY FACTOR = 0.35 OVERTIME FACTOR = 0.68

Includes all attachments and accessories required for lifting or digging. Pavement breaker or compactor attachments are not included.

**BADGER [BAGR]**

MODEL	CODE	RATE
211	0430	\$46.25
311	0438	\$67.35
300 Hydro-Scopic	0440	\$36.49
411	0442	\$107.38
460 Hydro-Scopic	0445	\$38.98
666 Hydro-Scopic	0448	\$52.86
888 Hydro-Scopic	0447	\$63.14
900B	0450	\$62.32
1900	0480	\$190.36

**BANTAM [BANT]**

MODEL	CODE	RATE
C 166	0675	\$30.75
C 266	0660	\$45.59
C 366	0690	\$54.08
C 744	1075	\$34.35

**CASE [CASE]**

MODEL	CODE	RATE
40E E-Boom	1800	\$42.29
40E Y-Boom	1801	\$42.35
50E	1802	\$52.47
125B	1802H	\$44.72
170B	1802M	\$56.52
170C	1802N	\$60.29
220B	1802R	\$79.61
688	1802V	\$27.41
880B E-Boom	1803	\$28.78
880 E-Boom	1805	\$25.80
880 Y-Boom	1808	\$26.05
880B Y-Boom	1809	\$29.06
880C E-Boom	1809E	\$35.32
880C Y-Boom	1809J	\$35.87
880D E-Boom	1809L	\$30.36
980B	1815	\$45.87
1080	1815E	\$37.74
1080B	1815J	\$39.39
1280	1816	\$54.87
1280B	1816E	\$48.21

**CATERPILLAR [CAT]**

MODEL	CODE	RATE
205	1617	\$22.37
211	1617E	\$28.80
213	1617H	\$32.11
215	1616	\$36.94
215 LC	1619	\$34.05
215B LC	1619E	\$39.79
215C	1619F	\$43.61
215D	1619G	\$48.29
225	1620	\$49.80
229	1625	\$68.26
235	1640	\$86.05

235B	1642	\$95.98
235 Front Shovel	1645	\$96.72
235B Front Shovel	1647	\$108.00
235C	1648	\$105.47
245	1650	\$140.78
245B	1650B	\$157.46
245 Front Shovel	1652	\$152.40
245B Front Shovel	1652B	\$173.88
E 180	1653	\$40.71
EL 180	1654	\$41.94
EL 200B	1654E	\$45.31
E 240	1655	\$52.66
EL 240	1656	\$54.22
E 300	1657	\$66.25
E 300B	1657B	\$72.44
EL 300	1658	\$68.30
EL 300B	1658B	\$74.59

**JOHN DEERE [DEER]**

MODEL	CODE	RATE
400	1660	\$24.27
600A	1665	\$24.59
600B	1665	\$35.60
600C	1697	\$36.53
600D	1697D	\$39.11
790	1698	\$46.72
790D	1698D	\$51.77
792	1699	\$56.08
890	1700	\$74.16
890A	1705	\$72.92
892D LC	1708	\$63.79
990	1720	\$84.55
992D LC	1722	\$97.57
30	1725	\$10.37
50	1730	\$16.20
70	1735	\$16.23

**DROTT [DROT]**

MODEL	CODE	RATE
35D E boom	1835	\$32.85
35D Y boom	1845	\$33.31
40D E boom	1930	\$37.84
40D Y boom	1965	\$43.44
50D	2005	\$49.79

**FIAT-ALLIS [F-A]**

MODEL	CODE	RATE
FE 18	9000	\$32.86
FE 20 HD	9010	\$42.82
FE 20 LC	9020	\$38.17
FE 28	9030	\$52.72
FE 40 L	9040	\$94.78

**GRADALL [GRAD]**

MODEL	CODE	RATE
G 660	0150	\$45.02
G 660B	0160	\$53.21
G 660C	0170	\$53.82
G 880B	0210	\$60.63
G 880C	0215	\$60.83
G 1000	0230	\$89.10

**HEIN-WARNER [H-W]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
C-14B	2580	\$44.42
C-16A	2585	\$52.33
C-22	2590	\$77.03
C-24	2600	\$77.18
C-28	2620	\$81.17

**HITACHI [HIT]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
UH-082	2660	\$35.34
UH-082	2675	\$44.86
UH-083, 83 LC	2677	\$40.71
UH-123	2687	\$58.09
UH-172	2695	\$80.10
UH-20	2700	\$102.52
UH-30	2710	\$137.31
UH-122	2750	\$52.54
UH-181	2770	\$93.77
UH-501	2790	\$193.31
UH-261 Front Shovel	2792	\$161.89
EX-150	2797	\$35.46
EX-200 LC	2800	\$48.48
EX-270 LC	2806	\$67.22
EX-400 LC	2808	\$107.04
EX-700	2810	\$169.40

**INSLEY [INSL]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
H-600C	3675	\$38.10
H-800C	3690	\$46.33
H-1000C	4020	\$53.47
H-1500C	4055	\$81.48
H-2500C	4232	\$97.39
H-3500B	4239	\$101.65
H-3500C	4239E	\$134.47

**INTERNATIONAL [INTL]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
630	4250	\$30.91
640-HD	4260	\$41.76
650-HD	4280	\$55.56
3964B	4385	\$26.12

**KOBELCO [KOB]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
K 903B	4688	\$19.69
K 904D	4693	\$22.87
K 904E	4694	\$24.40
K 904 Mark II	4694A	\$25.01
K 905	4695	\$26.06
K 905A LC	4697	\$28.89
K 907C	4700	\$39.53
K 907D	4702	\$42.77
K 907 LC	4704	\$43.58
K 909A	4710	\$54.85
K 909 LC	4711	\$57.58
K 912A	4712	\$64.60
K 914	4715	\$81.11
K 916	4717	\$89.36
K 935 Front Shovel	4720	\$133.75

**K 935**

4725 \$132.81

**KOEHRING [KOEH]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
166	4740	\$40.97
266	4745	\$53.01
366 post 1980	4752	\$64.28
466E	4990	\$74.01
566	5160	\$87.22
666, 666E	5225	\$109.45
866, 866E	5235	\$132.20
1066C	5260	\$94.07
1066D	6265	\$111.16
1066D Front Shovel	5270	\$120.76
1066E	5275	\$169.22
1166, 1166E	5277	\$186.82
1166 Front Shovel	5278	\$199.78
1266	5281	\$275.18
1266D	6288	\$211.32
6605	5900	\$17.87
6608	5910	\$21.32
6611	6000	\$25.37
6614	6005	\$31.43
6612	6010	\$28.88
6620	6015	\$44.36
6625	6020	\$55.50
6644	6040	\$100.00

**KOMATSU [KOMA]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
PC 60-5	9470	\$16.94
PC 120-2	9480	\$25.80
PC 120-3	9482	\$33.21
PC 150-1	9490	\$29.17
PC 150-3	9495	\$37.29
PC 200 LC-2	9500	\$36.83
PC 200 - 5	9504	\$43.85
PC 200 LC-3	9505	\$46.54
PC 200 LC-5	9506	\$45.97
PC 220 LC-2	9510	\$47.38
PC 220 LC-3	9515	\$55.85
PC 220 LC-5	9518	\$55.08
PC 280 LC-3	9517	\$64.43
PC 300 LC-1, LC-2	9520	\$59.85
PC 300 LC-3	9525	\$74.72
PC 300 LC-5	9526	\$74.10
PC 360 LC-3	9527	\$89.35
PC 400 LC-1	9530	\$84.41
PC 400 LC-3	9535	\$101.72
PC 400 LC-5	9538	\$100.44
PC 650-1	9540	\$159.32
PC 650-1 Front Shovel	9550	\$175.42
PC 650-3	9552	\$184.84
PC 1000-1	9560	\$224.15
PC 1000 LC-1	9565	\$233.76
PW 210-1	9590	\$54.20

**LINK-BELT [L-B]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
LS-1600	5390	\$17.77
LS-2650	5395	\$25.15
LS-2700C II	5398	\$34.45

LS-2800	5400	\$28.80	TAKEUCHI [TAKU]		
LS-2800A	5402	\$38.19			
LS-2800A PL	5404	\$30.89	<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
LS-2800 PL	5405	\$27.82	TB-15	7686	\$6.70
LS-2800B	5410	\$39.15	TB-10S	7688	\$5.80
LS-3400	5475	\$52.22	TB-35S	7690	\$10.24
LS-3400C II	5477	\$54.29	TB-68S	7692	\$17.99
LS-4300	5660	\$68.55	TB-800	7695	\$7.77
LS-4300C II	5662	\$68.99	TB-1400	7700	\$10.77
LS-4800	5750	\$81.36	TB-2200D	7730	\$16.20
LS-4800 PL	5755	\$66.19			
LS-5400	5805	\$89.00	UNIT [UNIT]		
LS-5800	5810	\$95.80			
LS-5800A	5812	\$102.03	<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
LS-5800C II	5814	\$103.17	H-172C	7775	\$24.22
LS-6400	5820	\$143.17	H-202C	7835	\$35.56
LS-7400	5830	\$124.75	H-202C Series II	7837	\$44.33
LS-7400A	5840	\$168.57	H-202CT Series II	7838	\$48.98
			H-202CT	7840	\$37.16
			H-342	7910	\$77.67
			H-471	7920	\$98.56

**MASSEY FERGUSON [M-F]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
MF-450D	6245	\$24.09
MF-450S	6250	\$24.05

**mitsubishi [MITS]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
MS 090	6280	\$19.34
MS 180-3	6295	\$36.15
MS 180 LC-8	6296	\$40.31
MS 230 LC-3	6300	\$46.93
MS 240 LC-8	6305	\$50.65
MS 280-2	6310	\$56.99
MS 380-2	6320	\$82.06
MS 450-8	6330	\$89.50
MS 580	6335	\$132.80
MS 580 Front Shovel	6340	\$152.13
MS 1600	6350	\$305.92
MS 1600 Front Shovel	6355	\$304.87

**NORTHWEST [NW]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
35-DH	6335	\$61.56
45-DH	6340	\$74.42
55-DH	6345	\$82.15
55-DH Series II	6360	\$121.96

**P&H [P&H]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
H-750	6628	\$32.46
H-1250	6630	\$50.01
H-1750	6635	\$70.87
H-2500	6645	\$88.27
HS-2500	6650	\$93.50

**PETTIBONE [PET]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
TITAN 50	6800	\$24.99
TITAN 70	6815	\$31.41
TITAN 110	6830	\$55.00

**HYDRAULIC CRANES & EXCAVATORS, SELF PROPELLED [HCESP]**

DELAY FACTOR = 0.31 OVERTIME FACTOR = 0.72

Includes all attachments and accessories required for lifting or digging. Pavement breaker or compactor attachments are not included.

**BADGER [BAGR]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
300 Hydro-Cruiser	1582	\$40.44
460 Hydro-Cruiser	1583	\$40.48
666 Hydro-Cruiser	1564	\$54.87
4425/30	1565	\$50.71
4435	1570	\$55.83
4435B	1573	\$57.65
4435C	1573C	\$63.07
4445	1574	\$79.04
4450	1575	\$63.25
4450B	1577	\$68.31
4455	1579	\$85.41

**BANTAM [BANT]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
S-155	1590	\$32.36
S-488	1600	\$31.38
S-488A	1605	\$32.01
S-488B	1607	\$34.68
S-588	1610	\$33.57
S-588A	1615	\$33.06
S-588B	1617	\$33.71
S-688	1650	\$34.77
S-688A	1655	\$34.33
S-688B	1656	\$35.12
S-888	1658	\$48.92
S-888B	1659	\$52.04

**BUCYRUS-ERIE [B-E]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
250-C	1660	\$33.21
280-C	1666	\$32.54
300-C/SP	1670	\$34.75
320-C	1672	\$34.95
360-C	1678	\$35.32

**CASE [CASE]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
40E E-Boom, Cruz Air	1666	\$32.93
40E Y-Boom, Cruz Air	1667	\$33.16
40F E-Boom, Cruz Air	1667H	\$35.45
40F Y-Boom, Cruz Air	1667K	\$36.30
45 E-Boom, Cruz Air	1668	\$41.65
45 Y-Boom, Cruz Air	1669	\$46.97
45B E-Boom, Cruz Air	1669H	\$45.10
45B Y-Boom, Cruz Air	1669K	\$45.92
880R E-Boom	1690	\$27.25
880R Y-Boom	1695	\$27.39
1085 E-Boom, Cruz Air	1696E	\$35.19
1085 Y-Boom, Cruz Air	1696Y	\$35.52
1085B Y-Boom, Cruz Air	1696Z	\$37.88
1285 E-Boom, Cruz Air	1697E	\$40.85
1285 Y-Boom, Cruz Air	1697Y	\$41.01
3330 Low Profile	1698E	\$17.79
3330B	1698H	\$18.06

**CATERPILLAR [CAT]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
206	1699	\$24.96
212	1699E	\$31.25
214	1699H	\$35.24
224	1699J	\$43.60

**CLARK [CLRK]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
709	1700	\$31.47
710	1702	\$31.47
712	1704	\$31.51
714	1706	\$31.51
715	1707	\$31.89
720	1708	\$38.78
725-OS	1710	\$37.52

**JOHN DEERE [DEER]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
495D	0298	\$28.92
595	0300	\$32.09

**DRESSER [DRES]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
150 Series A	9000	\$39.73
150F Series A	9005	\$39.73

**GRADALL [GRAD]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
G 3R	0100	\$37.25
G 3WD, 4x4	0110	\$37.76
G 660	0190	\$40.70
G 660B	0200	\$48.60

**G 660C**

0210 \$50.00

**GROVE [GROV]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
24	3620	\$15.04
36	3630	\$20.74
68	3660	\$32.24
1012	3670	\$35.54
2635	3680	\$56.53
AP-308	3682	\$20.92
AP-415	3684	\$30.13
AT-180	3900	\$45.36
AT-628	3920	\$48.08
RT-48	4030	\$28.26
RT-49	4115	\$28.56
RT-58	4265	\$29.90
RT-58A	4350	\$36.34
RT-415	4382	\$36.87
RT-418	4384	\$41.30
RT-420	4356	\$41.30
RT-422	4358	\$41.30
RT-525	4360	\$39.00
RT-525B	4362	\$42.11
RT-525C	4363	\$45.77
RT-527.5	4365	\$39.91
RT-528B	4370	\$42.11
RT-528C	4372	\$45.77
RT-58B	4375	\$43.38
RT-58C	4377	\$43.38
RT-58D	4380	\$43.38
RT-58E	4385	\$45.13
RT-58E HS	4390	\$50.73
RT-59	4440	\$35.16
RT-59S	4450	\$37.27
RT-60	4520	\$35.16
RT-60S	4540	\$37.27
RT-515	4606	\$36.09
RT-518	4607	\$39.12
RT-520	4608	\$40.78
RT-622	4609	\$41.70
RT-622C	4609G	\$45.77
RT-620	4610	\$35.16
RT-620S	4620	\$37.27
RT-625	4630	\$48.13
RT-630	4635	\$47.31
RT-630B	4637	\$51.78
RT-635	4640	\$50.26
RT-65 S	4700	\$52.95
RT-740	4710	\$62.10
RT-745	4715	\$78.62
RT-75 S	4720	\$59.64
RT-755	4725	\$70.55
RT-760	4727	\$87.79
RT-965	4730	\$92.60
RT-875	4735	\$107.91
RT-980	4750	\$108.49
RT-990	4760	\$130.73

**KOBELCO [KOBL]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
KW 904	5400	\$27.93

**LIEBHERR [LIEB]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
A-901C	8477	\$20.92
A-902	8478	\$33.78
A-911C	8488	\$27.25
A-912	8486	\$40.07
A-921C	8490	\$35.14
A-922	8498	\$45.27
A-942	8496	\$81.35

**LINK-BELT [L-B]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
HCD-80B	8497	\$38.84
HSP-15	8500	\$33.92
HSP-18	8508	\$33.92
HSP-20	8510	\$40.57
HSP-22	8530	\$42.14
HSP-25	8535	\$41.08
HSP-8015	8538	\$38.63
HSP-8018	8538E	\$40.37
HSP-8018XL	8538G	\$51.31
HSP-8018C	8538H	\$44.47
HSP-8020	8538J	\$41.26
HSP-8020C	8538K	\$44.47
HSP-8022	8538N	\$46.66
HSP-8022C	8538NC	\$44.47
HSP-8025	8538P	\$48.86
HSP-8025 S	8538PF	\$46.66
HSP-8030	8538Q	\$52.79
HSP-8035	8538R	\$76.59
HSP-8040	8538S	\$76.72
HSP-8050	8538T	\$78.59
HSP-8055	8538V	\$76.45
HSP-8060	8539	\$86.34

**LORAIN [LORN]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
LRT 15H	5730	\$34.06
LRT 15U	5738	\$35.34
LRT 18U	5740	\$35.95
LRT 35U	5748	\$54.56
LRT 40U	5750	\$56.10
LRT 150	5755	\$34.88
LRT 150D	5756	\$45.45
LRT 180	5760	\$34.79
LRT 180D	5760D	\$46.77
LRT 200	5765	\$34.33
LRT 200D	5765D	\$46.94
LRT 220	5767	\$37.38
LRT 230	5768	\$40.67
LRT 230D	5768D	\$46.97
LRT 250	5769	\$44.90
LRT 250D	5769D	\$46.97
LRT 275	5770	\$43.19
LRT 275D	5770D	\$46.97
LRT 330	5772	\$52.92
LRT 400	5773	\$64.02
LRT 450	5774	\$66.63
LRT 500	5775	\$71.00
LRT 550	5790	\$75.80

**P&H [P&H]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
OMEGA 14	8790	\$34.19
OMEGA 15	8792	\$34.19
OMEGA 18	8794	\$34.67
OMEGA 25, CN 25	8798	\$53.70
OMEGA 20	8796	\$35.43
OMEGA 23	8796E	\$38.51
OMEGA 30, CN 30	8796J	\$54.79
OMEGA 35, CN 35	8796P	\$55.93
OMEGA 40	8797	\$70.40
OMEGA 45	8797E	\$72.19
OMEGA 50	8797J	\$72.35
OMEGA 60	8798	\$72.03
OMEGA 65	8799	\$92.24
OMEGA 114, CN 114	8799C	\$46.86
OMEGA 114D, CN 114D	8799G	\$41.89
OMEGA 115, CN 115	8799J	\$46.86
OMEGA 115D, CN 115D	8799N	\$43.83
OMEGA 118, CN 118	8799Q	\$46.85
OMEGA 118D, CN 118D	8799S	\$44.00
OMEGA 120, CN 120	8799U	\$48.85
OMEGA 120D, CN 120D	8799W	\$44.86
OMEGA 122, CN 122	8799X	\$49.03
OMEGA 122D, CN 122D	8799Y	\$45.57
OMEGA 125, CN 125	8799Z	\$51.58
OMEGA 128, CN 128	8799ZA	\$47.62
R 125	8800	\$25.28
R 150	8890	\$25.99
R 150-1	8910	\$25.46
R 180	8975	\$26.35
R 200	6060	\$26.71
OMEGA S-15	6082	\$52.17
OMEGA S-18	6083	\$52.17
OMEGA S-20	6084	\$53.50
OMEGA S-35	6084E	\$60.84

**PETTIBONE [PET]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
18 MK P Series	6500	\$31.20
20 MK P Series	9580	\$31.90
25	6740	\$26.13
25 MK P Series	9750	\$32.73
29 MK P Series	6880	\$33.73
30	6900	\$26.13
30 MK P Series	6903	\$34.99
30 SC, SC P Series	6910	\$41.47
35	6920	\$27.74
36 MK P Series	6923	\$36.11
36 SC, SC P Series	6930	\$40.81
40, 40 MK P Series	6933	\$36.37
45 SC P Series	6937	\$41.35
40 SC, SC P Series	6940	\$41.14
60 SC	6990	\$49.38
60 SC P Series	6995	\$54.61
70	7100	\$54.59
70 SC	7165	\$52.34
70 SC P Series	7170	\$59.61
80 MK P Series	7250	\$55.99
80 SC P Series	7260	\$57.49
100 SC	7350	\$68.52



130 SC P Series	7360	\$78.64
<b>R.O. PRODUCTS [ROP]</b>		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
MC-5A	8005	\$12.50
MC-50B	8175	\$21.31
MC-50C	8260	\$22.76

**HYDRAULIC CRANE & EXCAVATORS, TRUCK MTD.  
W/ CARRIER [HCETD]**

DELAY FACTOR = 0.29 OVERTIME FACTOR = 0.74

Includes truck/carrier. Includes all attachments and accessories required for lifting or digging. Pavement breaker or compactor attachments are not included.

**ALENCO [ALNC]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
5 ton	0400	\$14.67

**BADGER [BAGR]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
300 Hydro-Scopic	0550	\$35.32
460 Hydro-Scopic	0555	\$38.99
666 Hydro-Scopic	0560	\$59.57
888 Hydro-Scopic	0600	\$62.64

**BANTAM [BANT]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
T-744 Teleskoop	1285	\$43.60
T-888	1310	\$54.50
T-888B	1315	\$60.50

**BUCYRUS-ERIE [B-E]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
25-XC	1360	\$51.50
30-XC	1370	\$53.46
40-C	1475	\$44.00
60-XC	1590	\$89.65
65-C	1592	\$77.85
90-XC	1800	\$106.61

**DEVAVLT [DVUT]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
TK 15-10	1900	\$22.32

**GRADALL [GRAD]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
G 3W	0120	\$40.89
G 660	0170	\$42.13
G 660B	0180	\$51.49
G 660C	0190	\$52.02
G 800	0210	\$29.85
G 880B	0220	\$60.78
G 880C	0230	\$60.52
G 1000	0240	\$74.41

**GROVE [GROV]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
TD 515	2217	\$56.02
TD 518	2219	\$56.02
TD 520	2221	\$57.20
TD 522	2223	\$57.20
TD 525	2224	\$58.20

TMS 185	2700	\$48.57
TMS 185A	2705	\$55.87
TMS 200	2710	\$52.27
TMS 200A	2712	\$55.87
TD 527.5	2840	\$58.31
TMS 250	2850	\$52.27
TMS 250A	2860	\$53.73
TMS 250B	2870	\$58.12
TMS 250C	2875	\$73.32
TMS 300	2922	\$61.49
TMS 300B	2923	\$77.05
TMS 515	3125	\$54.10
TMS 518	3130	\$54.10
TMS 520	3135	\$55.33
TMS 522	3140	\$55.33
TMS 525	3150	\$55.90
TMS 527.5	3160	\$55.18
TMS 528B	3170	\$61.28
TMS 780	3160	\$111.23
TMS 865	3378	\$94.25
TM 875	3380	\$87.46
TMS 875	3385	\$113.28
TM 890	3387	\$128.63
TM 1075	3390	\$114.38

**HIAB [HIAB]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
100 AW	3850	\$16.28
1165	3852	\$13.48
170 thru 174	3854	\$12.44
175 thru 177	3855	\$12.55
550-5501	3857	\$13.38
650	3859	\$15.86

**KOEHRING [KOEH]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
4460 Teleskoop	4400	\$40.36
4485 Teleskoop	4405	\$41.70
4470 Teleskoop	4410	\$48.08
4475 Teleskoop	4415	\$49.38

**LINK-BELT [L-B]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
HTC 14	4505	\$55.24
HTC 25	4507	\$55.24
HTC 35	4509	\$54.37
HTC 50	4510	\$72.17
HTC 50W	4520	\$78.01
HTC 814	4530	\$68.01
HTC 814XL	4531	\$71.55
HTC 822 S	4532	\$61.50
HTC 825	4535	\$60.07
HTC 825 S	4536	\$62.90
HTC 830	4537	\$68.53
HTC 835	4538	\$71.63
HTC 835XL	4539C	\$89.80
HTC 840	4539E	\$90.04
HTC 850	4539G	\$94.58
HTC 855	4539H	\$85.89
HTC 860	4539J	\$99.80
HTC 1040	4540	\$93.22
HTC 1050	4545	\$95.44

HTC 1055	4550	\$90.03
HTC 1060	4555	\$101.83
LORAIN [LORN]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
MCH 140	4942	\$82.21
MCH 150	4946	\$54.29
MCH 180	4947	\$54.29
MCH 200	4948	\$55.30
MCH 230	4949	\$55.41
MCH 250	4949E	\$57.60
MCH 275	4950	\$59.03
MCH 300	4953	\$67.83
MCH 350	4955	\$61.91
MCH 400	4957	\$77.22
MCH 500	4950	\$72.25
MANITEX [MANX]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
1161	4980	\$20.44
NATIONAL [NATL]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
Ser 4/400, 11.3 m (37) boom	4983	\$18.65
Ser 4/400, 14.0 m (46) boom	4984	\$18.88
Ser 4/400, 16.8 m (55) boom	4985	\$19.07
Ser 5/500A/B, 14.3 m (47) boom	4986	\$22.39
Ser 5/500A/B, 17.1 m (56) boom	4987	\$23.06
Ser 6/600, 14.3 m (47) boom	4989	\$22.06
Ser 6/600, 17.1 m (56) boom	4990	\$22.46
856	4995	\$23.04
856B	4996	\$21.80
875	4997	\$23.87
875B	4998	\$25.05
Series 85	4999	\$16.43
P&H [P&H]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
ALPHA 100 ton	5000	\$187.71
CENTURY T-280	5005	\$71.11
T-150	5290	\$50.94
T-180	5380	\$51.43
T-200	5470	\$52.03
T-250	5560	\$62.69
CNT T-250	5561	\$69.73
OMEGA T-250	5570	\$63.99
OMEGA T-300	5560	\$66.01
OMEGA T-350	5565	\$67.31
T-300A	5665	\$62.87
OMEGA T-400	5666M	\$83.83
OMEGA T-450	5669	\$85.63
T-600 XL	5670	\$90.92
OMEGA T-500	5680	\$89.47
OMEGA T-650	5745	\$110.67
T-750	5780	\$93.01
PETTIBONE [PET]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
40 TK P, 40 TK LSPC	6050	\$61.87
50 TK P, 50 TK LSPC	6130	\$64.13
80 TK P, 80 TK LS	6300	\$76.56
110 TK P	6565	\$80.24

PITMAN [PIT]				
<u>MODEL</u>			<u>CODE</u>	<u>RATE</u>
Hydralift HL 40 thru 95			6670	\$14.20
Hydralift HL 100 thru 170			6675	\$15.98
737, 857, 858 or 900			6665	\$17.66
1200, 1545-T2 or 1580			6695	\$23.38
POLECAT			6697	\$22.28
PELICAN			6699	\$23.27
R.O. PRODUCTS [ROP]				
<u>MODEL</u>			<u>CODE</u>	<u>RATE</u>
TC-40			6660	\$15.30
TC-50			6662	\$17.03
TC-70			6664	\$18.53
TC-80			6666	\$18.51
TC-85			6668	\$18.18
TC-110			6670	\$20.55
TC-120			6672	\$21.31
TC-125			6674	\$21.08
TC-145			6676	\$23.97
TC-150			6676	\$22.57

**HYDRAULIC CRANE & EXCAVATOR, TRUCK MTD  
LESS CARRIER [HCETG]**

DELAY FACTOR = 0.26 OVERTIME FACTOR = 0.77

Includes all lifting and digging attachments and accessories. Truck/carrier to be paid separately. Pavement breaker or compactor attachments are not included.

BUCYRUS-ERIE [B-E]				
<u>MODEL</u>			<u>CODE</u>	<u>RATE</u>
H-3 series two			1000	\$21.90
H-5 series two			1300	\$28.34
GALION [GALN]				
<u>MODEL</u>			<u>CODE</u>	<u>RATE</u>
125 P			1970	\$22.63
150 P			1980	\$28.29

GROVE [GROV]				
<u>MODEL</u>			<u>CODE</u>	<u>RATE</u>
TM 100C			2020	\$28.17
TM 200C			2040	\$33.23

**HYDRAULIC PERSONNEL LIFTS & AERIAL WORK  
PLATFORMS [HYLFT]**

DELAY FACTOR = 0.33 OVERTIME FACTOR = 0.69

Includes self propelled and power take off (PTO) units whether gas, diesel or electric. Rates for any truck or carrier mounted units shall pay for the truck separately. Reach is rated by lift's maximum extension in meters (feet).

BOOM TYPE [BOOM]				
<u>QVEB</u>	<u>ID</u>		<u>CODE</u>	<u>RATE</u>
0	7.6 (25)		00-24	\$6.81
7.6 (25)	15.2 (50)		25-49	\$18.37
15.2 (50)	22.9 (75)		50-74	\$26.95

SCISSOR TYPE [SCIS]				
<u>QVEB</u>	<u>ID</u>		<u>CODE</u>	<u>RATE</u>
0	7.6 (25)		00-24	\$7.08
7.6 (25)	15.2 (50)		25-49	\$15.83

**LOADERS, CRAWLER [LDRCL]**

DELAY FACTOR = 0.28 OVERTIME FACTOR = 0.76

Includes all attachments and accessories excluding clam-action buckets and backhoe (see attachment class).

**CASE [CASE]**

MODEL	CODE	RATE
350B	2370	\$16.55
450B	2610	\$17.48
455B	2620	\$19.42
455C	2620A	\$19.70
850B	3305	\$21.50
850C	3310	\$23.97
855C	3320	\$24.83
855D	3325	\$26.31
1155D	3555	\$34.98
1155E	3556	\$36.14
1450	3660	\$35.56
1450B	3665	\$41.02
1455B	3668	\$41.43

**CATERPILLAR [CAT]**

MODEL	CODE	RATE
931B	3735	\$17.03
931C	3735C	\$19.78
931 LGP	3740	\$16.46
931B LGP	3745	\$18.20
935B	3845	\$21.78
935C	3845C	\$24.14
943	4130	\$31.80
943 LGP	4135	\$30.38
951C 86J 1992 serial	4200	\$21.85
951C 86J 2598 serial	4210	\$28.04
951C LGP 86J 2598 ser	4215	\$28.94
953	4220	\$43.03
953 LGP	4230	\$39.54
955L 85J 6247 serial	4675	\$32.51
955L 85J 13X10129 ser	4680	\$39.43
955L LGP 85J 13X10129	4685	\$39.80
963	4890	\$56.97
963 LGP	4893	\$52.27
973	4895	\$85.71
973 LGP	4898	\$73.99
977K	5014	\$31.96
977K 11K serial	5092	\$36.37
977L 11K 3919 serial	5170	\$42.70
977L 11K 5083 serial	5160	\$53.59
977L 14X serial	5185	\$60.51
977L LGP	5190	\$60.12
983	5248	\$76.13
983B	5265	\$89.80

**JOHN DEERE [DEER]**

MODEL	CODE	RATE
JD 350C	5420	\$15.92
JD 450C (4 speed PS)	5605	\$18.91
JD 455D	5807	\$20.34
JD 455E	5809	\$19.70
JD 455G	5809A	\$20.75
JD 555	5810	\$21.84

JD 555A	5812	\$24.59
JD 555B	5814	\$23.47
JD 555G	5814A	\$27.07
JD 655	5815	\$35.82
JD 655B	5817	\$36.76
JD 755	5820	\$31.48
JD 755A	5822	\$41.67
JD 755B	5824	\$42.13
JD 855	5830	\$61.94

**DRESSER [DRES]**

MODEL	CODE	RATE
100E (PS)	6000	\$20.28
100G	9005	\$21.17
125E (PS)	9010	\$25.73
125G	9015	\$26.68
175C (PS)	9020	\$43.18
200	9025	\$54.95
250C (PS)	9030	\$58.40
250E (PS)	9035	\$67.57

**FIAT-ALLIS [F-A]**

MODEL	CODE	RATE
FL 5	6243	\$20.53
FL 5B	6243B	\$22.78
FL 7	6244	\$25.10
FL 7B	6244B	\$29.01
FL 9	6245	\$26.00
FL 10B	6250	\$26.74
FL 10C	6251	\$36.82
FL 10E	6252	\$44.84
FL 14B	6255	\$34.34
FL 14C	6256	\$45.40
FL 14E	6257	\$59.19
FL 20	6258	\$78.62

**INTERNATIONAL [INTL]**

MODEL	CODE	RATE
100E	6970	\$20.10
175C	7370	\$39.25
L 250 (PS)	7510	\$27.20
250C	7590	\$58.11

**KOMATSU [KOMA]**

MODEL	CODE	RATE
D 21S-6	7845	\$18.61
D 31S-16	7850	\$16.24
D 31S-18	7853	\$20.94
D 31Q-16	7855	\$18.42
D 31Q-17	7857	\$20.96
D 41S-3	7860	\$31.50
D 53S-16	7878	\$31.11
D 53S-17	7879A	\$45.66
D 31S-17	7879	\$20.67
D 55S-2	7900	\$28.84
D 55S-3	7976	\$28.84
D 57S-1	8000	\$54.05
D 65S-6	8017	\$39.80
D 66S-1	8020	\$62.56
D 75S-2	8056	\$42.22
D 75S-3	8060	\$56.13
D 75S-5	8061	\$80.98

D 155S-1	8080	\$129.48	580 Super E w/ backhoe	1735	\$17.12
LIEBHERR [LIEB]			580K w/ backhoe	1739	\$17.28
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>	580K 4WD w/ backhoe	1740	\$18.46
LR 611	8090	\$33.18	580 Super K w/ backhoe	1742	\$18.59
LR 621-B	8100	\$42.88	580 Turbo w/ backhoe	1745	\$22.44
LR 631-B	8105	\$52.07	621	1750	\$30.70
TEREX [TERX]			721	1782	\$37.85
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>	821	1784	\$46.79
L 600D	8450	\$40.89	680E w/ backhoe	1840	\$21.62
L 700D	8480	\$58.88	680G w/ backhoe	1880	\$20.61

**LOADERS, RUBBER TIRE [LDRRT]**

DELAY FACTOR = 0.30 OVERTIME FACTOR = 0.72

Includes all attachments and accessories. Clam-action buckets, 4WD and backhoes are excluded unless otherwise noted.

**ALLIS-CHAMBERS [A-C]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
710C	0747	\$14.29
714B	0750	\$13.20
714C w/ backhoe	0752	\$16.13
715B w/ backhoe	0785	\$15.35
715C w/ backhoe	0767	\$16.42

**CASE [CASE]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
W-11	1365	\$14.82
W-11B	1368	\$17.89
W-14 9119395 serial	1418	\$22.26
W-14B	1430	\$23.12
W-14C	1431	\$25.28
W-18	1444	\$22.23
W-18 9213140 serial	1450	\$26.34
W-18B	1480	\$28.89
W-20	1472	\$26.47
W-20B	1480	\$27.35
W-20C	1482	\$30.01
W-24C	1509	\$34.27
W-24C 9126932 serial	1510	\$33.82
W-26B	1556	\$35.54
W-30	1565	\$39.71
W-36 9127205 serial	1580	\$51.05
480B	1636	\$9.18
480B w/ backhoe	1640	\$10.80
480C	1650	\$12.52
480C w/ backhoe	1660	\$14.27
480D	1662	\$14.81
480D w/ backhoe	1664	\$16.99
480E w/ backhoe	1666	\$14.46
480E LL	1667	\$13.12
480F w/ backhoe	1668	\$15.30
480F LL	1669	\$13.65
580B w/ backhoe	1705	\$13.12
580C	1710	\$11.46
580C w/ backhoe	1715	\$13.59
580D	1717	\$12.68
580D w/ backhoe	1720	\$15.28
580 Super D	1725	\$13.82
580 Super D w/ backhoe	1727	\$16.52
580 Super E	1731	\$14.05

580 Super E w/ backhoe	1735	\$17.12
580K w/ backhoe	1739	\$17.28
580K 4WD w/ backhoe	1740	\$18.46
580 Super K w/ backhoe	1742	\$18.59
580 Turbo w/ backhoe	1745	\$22.44
621	1750	\$30.70
721	1782	\$37.85
821	1784	\$46.79
680E w/ backhoe	1840	\$21.62
680G w/ backhoe	1880	\$20.61
680H w/ backhoe	1882	\$23.84
680K w/ backhoe	1884	\$24.91
680L w/ backhoe	1888	\$24.18
780 w/ backhoe	1864	\$26.16
780B w/ backhoe	1866	\$29.96
780C w/ backhoe	1867	\$30.84
780D w/ backhoe	1868	\$29.32
780D 4WD w/ backhoe	1869	\$30.87

**CATERPILLAR [CAT]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
416 w/ backhoe	1880	\$17.57
416 Series II w/ backhoe	1860A	\$17.79
426 w/ backhoe	1862	\$19.70
426 Series II w/ backhoe	1862A	\$20.11
428 w/ backhoe	1864	\$19.92
428 Series II w/ backhoe	1864A	\$20.18
436 w/ backhoe	1866	\$21.46
436 Series II w/ backhoe	1866A	\$21.56
446 w/ backhoe	1868	\$29.51
910	1870	\$18.56
910E	1870E	\$23.16
916	1885	\$25.50
920	1884	\$23.44
926	2065	\$29.07
926E	2067	\$32.17
930 41K serial	2088	\$27.93
936	2100	\$36.20
936E	2110	\$39.64
950 90A serial	2228	\$22.37
950 31K & 81J serial	2270	\$35.67
950B	2272	\$45.81
950E	2300	\$50.06
950F	2301	\$52.03
966C	2340	\$56.82
966D	2350	\$61.41
966E	2380	\$68.91
966F	2361	\$69.91
980B	2376	\$58.74
980C	2378	\$85.35
988 87A6868 serial	2398	\$68.97
988B 50W serial	2436	\$132.02
992B 25K serial	2460	\$134.07
992C	2470	\$263.13
IT 12	2472	\$19.99
IT 12B	2472B	\$23.60
IT 18	2474	\$25.17
IT 18B	2475	\$28.33
IT 28	2476	\$29.61
IT 28B	2477	\$32.49

**CLARK [CLRK]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
36C	2484	\$22.53
46C	2486	\$26.47
56C	2488	\$31.49
75C	2491	\$42.70
125B	2492	\$50.32
125C	2493	\$58.35
175B	2484	\$65.45
175C	2495	\$79.05
275B	2486	\$89.18
275C	2497	\$110.44
475B	2498	\$164.65
475C	2499	\$201.17
475C turbo trans	2499A	\$212.36

**JOHN DEERE [DEER]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
JD-210C	2485	\$11.88
JD-210 w/ backhoe	2490	\$13.50
JD-310A w/ backhoe	2504	\$14.50
JD-310B w/ backhoe	2506	\$15.28
JD-310C w/ backhoe	2507	\$15.99
JD-310D w/ backhoe	2507D	\$17.41
JD-410 w/ backhoe	2508	\$16.41
JD-410B w/ backhoe	2509	\$17.20
JD-410C w/ backhoe	2509F	\$18.74
JD-410D w/ backhoe	2509G	\$20.17
JD-444	2510	\$20.82
JD-444C	2515	\$23.02
JD-444D	2520	\$22.92
JD-444E	2521	\$24.93
JD-500C w/ backhoe	2592	\$19.03
JD-510 w/ backhoe	2620	\$17.59
JD-510B w/ backhoe	2625	\$19.78
JD-510C w/ backhoe	2630	\$21.99
JD-510D w/ backhoe	2630D	\$23.92
JD-544B	2660	\$25.95
JD-544C	2670	\$27.71
JD-544D	2672	\$26.62
JD-544E	2673	\$29.52
JD-610B w/ backhoe	2690	\$22.64
JD-610C w/ backhoe	2691	\$24.38
JD-624E	2700	\$36.38
JD-644B	2710	\$35.95
JD-644C	2715	\$39.28
JD-644D	2717	\$38.55
JD-644E	2719	\$44.24
JD-710B w/ backhoe	2720	\$28.00
JD-710C w/ backhoe	2721	\$31.42
JD-844	2725	\$69.72

**DRESSER [DRES]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
510B	2310	\$21.24
510C	2310C	\$23.70
515B	3517	\$27.17
515C	3517C	\$29.49
520B	3519	\$31.97
520C	3519C	\$37.24
530	3520	\$46.02

**530C**

540

550

560B

570

**FIAT-ALLIS [F-A]**

MODEL

345B

545B

605B

745C

945B

FR 10

FR 10B

FR 12

FR 12B

FR 15

FR 15B

FR 20

FR 30

FR 20B

FR 35

**FORD [FORD]**

MODEL

650 w/ backhoe

655A w/ backhoe

655C w/ backhoe

750 w/ backhoe

755 w/ backhoe

755B w/ backhoe

755A w/ backhoe

A-62

A-64

A-66

**FURUKAWA [FURU]**

MODEL

FL 120A

FL 150

FL 170A

FL 230

FL 320A

FL 330

**HOUGH [HOUG]**

MODEL

H-30B

H-60E

H-80B

H-90E

**INTERNATIONAL [INTL]**

MODEL

260A

260A w/ backhoe

270A w/ backhoe

280A w/ backhoe

510

510B

515

3520C

3530

3540

3603

3610

CODE

3041

3042

3043

3046

3049

3049H

3049I

3049K

3049L

3049P

3049Q

3050

3051

3051B

3052

CODE

3056

3056F

3056G

3057

3061

3063

3065

3114

3116

3118

CODE

3120D

3120E

3120G

3120J

3120M

31208

CODE

3346

3524

3780

3684

CODE

2260

2270

2280

2285

2300

2310

3515

\$49.36

\$62.09

\$70.59

\$131.27

\$217.46

RATE

\$20.75

\$24.68

\$27.06

\$47.64

\$83.66

\$27.16

\$31.33

\$30.42

\$41.36

\$41.18

\$52.48

\$59.24

\$90.06

\$69.48

\$112.05

RATE

\$14.28

\$18.91

\$22.08

\$20.28

\$23.97

\$26.98

\$26.17

\$20.69

\$24.99

\$34.70

RATE

\$21.61

\$25.61

\$24.96

\$39.33

\$50.57

\$55.21

RATE

\$14.16

\$24.97

\$43.84

\$61.22

RATE

\$13.48

\$15.35

\$16.97

\$22.62

\$18.24

\$20.35

\$22.92

515B	3817	\$25.33	MF 65C	8170	\$32.78
520B	3818	\$30.29	MF 60 w/ backhoe	8171	\$17.04
530	3820	\$41.67	MF 60H Series S w/ hoe	8172	\$19.95
540	3830	\$53.95	MF 66C	8174	\$43.36
550	3840	\$69.36	MF 70 w/ backhoe	8178	\$19.74
560	3860	\$96.63	MF 77C	8180	\$58.84
560B	3863	\$116.54	MF 80 w/ backhoe	8182	\$23.02
570	3810	\$194.37	MF 88	8184	\$68.78

**J C B [JCB]**

MODEL	CODE	RATE
3C 1550 2WD w/ hoe	4448	\$15.42
3D 1700 4WD w/ hoe	4450	\$21.14
1400B w/ backhoe	4455	\$17.80
1550B w/ backhoe	4457	\$20.39
1600B w/ backhoe	4458	\$23.97
1700B w/ backhoe	4459	\$25.11

**KOBELCO [KOBEL]**

MODEL	CODE	RATE
LK 200	4455	\$15.24
LK 300A	4460	\$19.22
LK 400	4462	\$24.97
LK 500	4465	\$27.60
LK 500A	4465A	\$29.54
LK 600	4470	\$41.27
LK 600A	4470A	\$42.20
LK 700A	4475	\$50.71
LK 900	4477	\$68.69
LK 1500A	4480	\$116.48

**KOMATSU [KOMA]**

MODEL	CODE	RATE
W 40-2	4500	\$18.05
W 60-2	4505	\$23.67
W 70-3	4510	\$26.36
W 90-3	4515	\$38.44
W 120-3	4520	\$52.06
W 180-1	4525	\$75.15
W 260-1	4530	\$111.18
WA 100-1	4532	\$21.59
WA 150-1	4534	\$26.78
WA 200-1	4536	\$31.34
WA 250-1	4537	\$38.80
WA 300-1	4538	\$40.10
WA 320-1	4539	\$46.55
WA 350-1	4540	\$49.34
WA 380-1	4541	\$54.96
WA 400-1	4542	\$58.16
WA 450-1	4544	\$73.56
WA 450-2	4544B	\$73.82
WA 470-1	4545	\$81.15
WA 500-1	4546	\$91.82
WA 600-1	4548	\$136.70

**MASSEY FERGUSON [M-F]**

MODEL	CODE	RATE
MF 44C	5143	\$25.21
MF 50H Series S	5150	\$15.98
MF 50H Series S, 4WD	5152	\$16.76
MF 50HX Series S	5154	\$16.89
MF 50HX Series S, 4WD	5158	\$17.87

**TEREX [TERX]**

MODEL	CODE	RATE
11C	7925	\$15.69
22C	7930	\$20.55
33C	7932	\$25.80
40C	7933	\$28.97
44C	7934	\$28.90
44D	7934E	\$30.60
55C	7935	\$38.95
60C	7936	\$44.57
66C	7937	\$55.29
70C	7938	\$68.18
80C	7939	\$90.26
90B	7939N	\$113.39
90C	7939R	\$134.75
72-21B	7942	\$28.16
72-31B	7975	\$40.76
72-51B	8032	\$60.42
72-61	8036	\$79.54
72-71B	8055	\$108.60
72-81	8080	\$138.09

**TROJAN [TROJ]**

MODEL	CODE	RATE
1500	8542	\$23.49
1900	8555	\$29.46
2000	8580	\$40.11
2500	8575	\$49.05
3000	8595	\$54.98
4000	8614	\$63.68
5500	8620	\$78.42
7500	8650	\$108.30

**VOLVO-MICHIGAN-EUCLID [VME]**

MODEL	CODE	RATE
175B	8188	\$56.82
175C	8188C	\$79.05
275B	8330	\$74.54
275C	8330C	\$110.44
L-120	9595	\$57.60
L-160	9600	\$78.62
L-190	9605	\$91.59

**LEADS, PILE DRIVING [LEADS]**

DELAY FACTOR = 0.52 OVERTIME FACTOR = 0.53

**FIXED [FIXD]**

Includes headblock, taper top, tip sled and connector, foot yoke, foot yoke sheave, intermediate flights, and all attachments and accessories. Rated in accordance with the height of the lead measured in meters (linear feet).

OVER	ID	CODE	RATE
0 (55)	16.8 (55) (w/o spotter)	0100	\$9.89
16.8 (55)	32.0 (105) (w/o spotter)	0200	\$15.07

over	32.0	(105)	(w/o spotter)	0300	\$19.72
0	16.8	(55)	(w/ spotter)	1100	\$17.01
16.8	(55)	32.0	(105) (w/ spotter)	1200	\$22.19
over	32.0	(105)	(w/ spotter)	1300	\$26.84

### SWINGING [SWNG]

Includes headblock, taper top, tip sled and connector, foot yoke, foot yoke sheave, intermediate flights, and all attachments and accessories. Rated in accordance with the height of the lead measured in meters (linear feet).

OVER	ID	CODE	RATE
0	16.8 (55) (w/o spotter)	0400	\$5.46
16.8 (55)	32.0 (105) (w/o spotter)	0500	\$10.64
over 32.0 (105)	(w/o spotter)	0600	\$15.82
0	16.8 (55) (w/ spotter)	1400	\$12.50
16.8	32.0 (105) (w/ spotter)	1500	\$17.77
over 32.0 (105)	(w/ spotter)	1600	\$22.95

### NON OPERATED EQUIPMENT (DAILY RATES) [NONOP]

DELAY FACTOR = 0.63

Note various units for different items. The following allowance is entered on the extra work bill by using the (unit listed x number of days) in the hours worked column.

The following list is limited to items with long estimated lives. Additional traffic related items such as cones and barricades, are still listed under TRAFFIC in this publication. Other non-operated items with short estimated lives should be treated as materials and should not be "rented". Non rented items are 1) intended to be job specific (amortized over the life of the project) and 2) have an estimated life measured by number of uses rather than a length of time.

### MISCELLANEOUS [MISC]

MODEL	CODE	RATE
Casing, 450 mm dia, per 0.3 m (Casing, 18" dia, per lf)	CAS18	\$0.04
Casing, 650 mm dia, per 0.3 m (Casing, 26" dia, per lf)	CAS26	\$0.06
Casing, 900 mm dia, per 0.3 m (Casing, 36" dia, per lf)	CAS36	\$0.10
Casing, 1800 mm dia, per 0.3 m (Casing, 72" dia, per lf)	CAS72	\$0.24
Casing, 2400 mm dia, per 0.3 m (Casing, 96" dia, per lf)	CAS96	\$0.29
Casing, 2700 mm dia, per 0.3 m (Casing, 108" dia, per lf)	CAS108	\$0.33
Casing, 3000 mm dia, per 0.3 m (Casing, 120" dia, per lf)	CAS120	\$0.44
Pile, all depths "H" pile, per 45.0 kg (Pile, all depths "H" pile, per hundred-weight)	PILEH57	\$0.04
Pipe, 250-300 mm dia, per 0.3 m (Pipe, 10-12" dia, per lf)	PIPE12	\$0.02
Plate, 25 mm thick, per 9.3 m <sup>2</sup> (Plate, 1" thick, per 100 sf)	PLAT1	\$1.60
Plate, 38 mm thick, per 9.3 m <sup>2</sup> (Plate, 1.5" thick, per 100 sf)	PLAT1.5	\$2.40
Plate, 22 mm thick, per 9.3 m <sup>2</sup> (Plate, 7/8" thick, per 100 sf)	PLAT7/8	\$1.41

### SCAFFOLDING, SHORING, FALSEWORK [SSFW]

MODEL	CODE	RATE
Metal form, 1.8 m x 3.0 m, per 14.6 m (Metal form, 6x10 box culvert, per 48 lf)	MF10BOX	\$49.28
Metal form, 2.4 m x 3.7 m, per 15.2 m (Metal form, 8x12 box culvert, per 50 lf)	MF12BOX	\$54.50
Metal form, 2.1 m x 4.3 m, per 15.2 m (Metal form, 7x14 box culvert, per 50 lf)	MF14BOX	\$59.99
Metal form, type 25 barrier, per 3.0 m (Metal form, type 25 barrier, per 10 lf)	MF25	\$3.03
Metal form, type 26 barrier, per 3.0 m (Metal form, type 26 barrier, per 10 lf)	MF26	\$3.20
Metal form, type 27 barrier, per 3.0 m (Metal form, type 27 barrier, per 10 lf)	MF27	\$2.76

Metal form, type 50 barrier, per 3.0 m (Metal form, type 50 barrier, per 10 lf)	MF50	\$2.90
Metal form, 1.8 m x 3.7 m girder panel, per 0.1 m <sup>2</sup> (Metal form, 6x12 girder panel, per sf)	MFGIRD	\$0.27
Metal form, all heights paving, per 3.0 m (Metal form, all heights paving, per 10 lf)	MFPAVE	\$0.05
Scaffolding, 3.0 m section, per section	SCAF10	\$1.42
Scaffolding, 10' section, per section	SCAF15	\$1.86
Scaffolding, 4.6 m section, per section (Scaffolding, 15' section, per section)	SCAF5	\$0.62
Scaffolding, bottom/top section, per 1.5 m section (Scaffolding, 5' section, per section)	SCAFB/T	\$0.87
Scaffolding, bottom/top section, per 1.5 m section (Scaffolding, bottom/top section, per 5' section)	SCAFROL	\$1.32
Scaffolding, 2.1 m high, rolling (Scaffolding, 7' high, rolling)	SCAFSPD	\$27.22
Scaffolding, spider staging, plus air compressor	SH3.5X7	\$1.41
Shoring, 1.1 m deep x 2235 mm wide, per section (Shoring, 3.5' deep x 88" wide trench, per section)	SH4X24	\$13.50
Shoring, 1.2 m deep x 3.7 m wide box, per 7.3 m (Shoring, 4' deep x 12' wide trench box, per 24')	SH5X7	\$1.48
Shoring, 1.5 m deep x 2235 mm wide, per section (Shoring, 5' deep x 88" wide trench, per section)	SH7X4	\$1.30
Shoring, 2.1 m deep x 1367 mm wide, per section (Shoring, 7' deep x 55" wide trench, per section)	SH7X7	\$1.56
Shoring, 2.1 m deep x 2235 mm wide, per section (Shoring, 7' deep x 88" wide trench, per section)	SH8X10	\$11.22
Shoring, 2.4 m deep x 4.6 m wide, per 3.0 m (Shoring, 8' deep x 15' wide trench box, per 10')	SH8X24	\$21.93
Shoring, 2.4 m deep x 2.4 m max width, per 7.3 m (Shoring, 8' deep x 8' max width trench box, per 24')	SH10X16	\$19.71
Shoring, 3.0 m deep x 2.4 m max box, per 4.9 m (Shoring, 10' deep x 8' max trench box, per 16')	SH10X24	\$27.34
Shoring, 3.0 m deep x 2.4 m max box, per 7.3 m (Shoring, 10' deep x 8' max trench box, per 24')	WD2X10	\$0.17
Wood, 50 mm x 255 mm, per 30.5 m (Wood, 2"x10", per 100 lf)	WD2X12	\$0.23
Wood, 50 mm x 305 mm, per 30.5 m (Wood, 2"x12", per 100 lf)	WD4X12	\$0.46
Wood, 100 mm x 305 mm, per 30.5 m (Wood, 4"x12", per 100 lf)	WD4X4	\$0.15
Wood, 100mm x 100mm, per 30.5 m (Wood, 4"x4", per 100 lf)	WD4X6	\$0.22
Wood, 100 mm x 150 mm, per 30.5 m (Wood, 4"x6", per 100 lf)	WD4X8	\$0.31
Wood, 100 mm x 205 mm, per 30.5 m (Wood, 4"x8", per 100 lf)	WD6X12	\$0.76
Wood, 150 mm x 305 mm, per 30.5 m (Wood, 6"x12", per 100 lf)	WD6X18	\$1.24
Wood, 150 mm x 455 mm, per 30.5 m (Wood, 6"x18", per 100 lf)	WD8X16	\$1.52
Wood, 205 mm x 405 mm, per 30.5 m (Wood, 8"x16", per 100 lf)	WD8X18	\$1.71
Wood, 305 mm x 455 mm, per 30.5 m (Wood, 8"x18", per 100 lf)	WD12X12	\$1.47
Wood, 305 mm x 305 mm, per 30.5 m (Wood, 12"x12", per 100 lf)	WDFM27	\$0.32
Wood form, type 27 barrier, per 2.4 m (Wood form, type 27 barrier, per 8' lf)	WFLANGE	\$0.04
Wide flange beam, all depths, per 45 kg (Wide flange beam, all depths, per hundred wt.)		

### TANK [TANK]

MODEL	CODE	RATE
Tank, metal, 0-2270 liters (Tank, metal, 0-600 gallons)	T00-06	\$0.84
Tank, metal, 2270-4540 liters (Tank, metal, 600-1200 gal)	T06-12	\$1.14
Tank, metal, 4540-9840 liters (Tank, metal, 1200-2600 gal)	T12-26	\$2.82
Tank, metal, 22710 liters (Tank, metal, 6000 gallons)	T6000	\$5.68

Tank, metal, 28390 liters (Tank, metal, 7500 gallons)	T7500	\$7.12	PR-750	0215	\$303.28
Tank, metal, 30280 liters (Tank, metal, 8000 gallons)	T8000	\$7.54	PR-750B	0216	\$329.15
Tank, metal, 37850 liters (Tank, metal, 10000 gallons)	T10000	\$8.36	PR-1000	0220	\$416.87

**TRAFFIC SAFETY [TRAF]**

MODEL	CODE	RATE
Crash cushion barrel, filled, each	CCB	\$0.56
K-rail, temporary concrete barrier, per 6.1 m (K-rail, temporary concrete barrier, per 20 ft)	K-RAIL	\$0.54

**PAVEMENT GRINDERS, DIAMOND BLADES [PGDIA]**

DELAY FACTOR = 0.10 OVERTIME FACTOR = 0.91

Includes water (but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Replacement blades are included in the rates listed below.

**CONCUT [CCUT]**

MODEL	CODE	RATE
BC-38 (136 blades)	0500	\$119.70
BC-244 (187 blades)	0505	\$153.82
BC-1268 (48 blades)	0510	\$43.95

**CUSHION CUT [CUCT]**

MODEL	CODE	RATE
HG-130A (127 blades)	0600	\$117.16
PC-390 (171 blades)	0610	\$171.09

**HATCHER [HACH]**

MODEL	CODE	RATE
G-36 (169 blades)	0700	\$150.26

**PENHALL [PENH]**

MODEL	CODE	RATE
G-38 (172 blades)	0800	\$195.90

**TARGET [TARG]**

MODEL	CODE	RATE
GR-65 (96 blades)	0900	\$72.83
PRM-3804 (170 blades)	0905	\$231.67

**PAVEMENT GRINDERS, TUNGSTEN-CARBIDE BITS [PGT-C]**

DELAY FACTOR = 0.23 OVERTIME FACTOR = 0.80

Includes water (but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Replacement bits or tips are included in the rates listed below.

**BARBER-GREENE [B-G]**

MODEL	CODE	RATE
RX-20	0100	\$118.09
RX-30	0105	\$185.78
RX-40B	0110	\$205.73
RX-50	0115	\$242.33
RX-80B	0120	\$380.90

**CATERPILLAR [CAT]**

MODEL	CODE	RATE
PM-800	0200	\$313.72
PR-105	0201	\$63.69
PR-275	0205	\$162.99
PR-450	0210	\$224.17

MODEL	CODE	RATE
PR-275 RT	0150	\$154.50
PR-375	0155	\$185.70
PR-450	0160	\$214.48
PR-525	0165	\$212.82
PR-500FL	0170	\$242.24
PR-750	0175	\$291.34
PR-1000	0180	\$388.26

**INGERSOLL-RAND [I-R]**

MODEL	CODE	RATE
MW-175	0280	\$85.15
MW-250	0285	\$73.42
MW-250C	0286	\$86.54
MT-6520 (crawler)	0300	\$199.06
MW-6520	0305	\$159.48
MW-6520HC	0310	\$185.39
MT-7000	0315	\$252.57

**WIRTGEN [WIRT]**

MODEL	CODE	RATE
300VC	0380	\$28.78
1000VC	0390	\$102.93
2000VC	0400	\$216.32
2100VC	0402	\$241.94
2200VC	0405	\$346.83
3500VC	0410	\$364.67
4200VC	0420	\$382.47

**PUMPS, WATER [PUMWA]**

DELAY FACTOR = 0.45 OVERTIME FACTOR = 0.58

Centrifugal and diaphragm types (including submersibles). Rate includes power (gas, diesel or electric generator), 6.1 meters (20 lineal feet) of suction hose, 15.2 meters (50 lineal feet) of discharge hose, foot valve and all fittings, attachments and accessories.

**A PUMP [APMP]**

Listed by Mfr's rated capacity measured in thousands of liters per minute (gallons per hour) at 3.0 meters (10 feet) of suction head.

QVEB	IQ	CODE	RATE
0	0.6 (10)	000-010	\$1.49
0.6 (10)	1.3 (20)	010-020	\$2.56
1.3 (20)	1.9 (30)	020-030	\$3.75
1.9 (30)	3.2 (50)	030-050	\$6.58
3.2 (50)	7.9 (125)	050-125	\$11.14
7.9 (125)	15.8 (250)	125-250	\$15.66

**INLET-SUCTION HOSE [INHS]**

Additional 6.1 meter (20 lineal foot) lengths of suction hose shall be paid based on the inside hose diameter in millimeters (inches).

QVEB	IQ	CODE	RATE
0	60 (2.5)	0-2.5	\$0.04
60 (2.5)	80 (3)	2.5-3	\$0.07
80 (3)	100 (4)	3-4	\$0.10
100 (4)	150 (6)	4-6	\$0.17



**OUTLET-DISCHARGE HOSE [OUHS]**

Additional 30.5 meter (100 lineal foot) lengths of discharge hose shall be paid based on the inside hose diameter in millimeters (inches).

OVER	ID	CODE	RATE
0	60 (2.5)	0-2.5	\$0.26
60 (2.5)	90 (3.5)	2.5-3.5	\$0.30
90 (3.5)	100 (4)	3.5-4	\$0.35
100 (4)	130 (5)	4-5	\$0.51
130 (5)	150 (5)	5-6	\$0.67

**ROLLERS, TANDEM STEEL WHEELS [ROL-2]**

DELAY FACTOR = 0.26 OVERTIME FACTOR = 0.76

Includes all attachments and accessories.

**BUFFALO-BOMAG [B-B]**

MODEL	CODE	RATE
S-812	1550	\$15.61
S-1014	1560	\$16.18

**BOMAG [BMAG]**

MODEL	CODE	RATE
BW-4AS	1150	\$12.68
BW-6AS	1155	\$14.48
BW-10AS	1160	\$23.06
BW-12AS	1165	\$23.91

**BROS [BROS]**

MODEL	CODE	RATE
TH-6	1512	\$12.97
TH-10	1515	\$16.10

**CASE [CASE]**

MODEL	CODE	RATE
STW 15	3590	\$2.84
STW 16	3595	\$2.90
W 110	3600	\$2.66

**DRESSER [DRES]**

MODEL	CODE	RATE
S3-5B	2500	\$13.94
S4-6B	2505	\$15.64
S5-8A	2510	\$19.98
S8-10.5A	2515	\$20.78
S8-12A	2520	\$21.54
S10-14A	2525	\$22.38

**ESSICK [ESIK]**

MODEL	CODE	RATE
130-B	3675	\$2.88
130-R	3680	\$2.83
320-E	3860	\$5.98

**FERGUSON [FERG]**

MODEL	CODE	RATE
3-5 ton	4048	\$7.83
3-5A	4048A	\$9.34
4-6 ton	4142	\$7.97
4-6A	4142A	\$9.50
5-8 ton	4236	\$19.31
5-8A	4240	\$17.76
5-8B	4241	\$17.77
8-10.5 ton	4330	\$17.02

8-10.5B	4330B	\$18.28
8-10.5A	4335	\$18.76
8-12 ton	4424	\$17.76
8-12B	4424B	\$18.77
8-12A	4430	\$18.84
10-14 ton	4450	\$18.74
10-14A	4455	\$19.40
10-14B	4455B	\$19.40
35-ST	4460	\$11.05
35A	4461	\$12.32
46-PT	4470	\$12.26
46A	4471	\$12.61

**GALION [GALN]**

MODEL	CODE	RATE
3-5 ton roll-o-static	4550	\$10.97
S3-5A, S3-5B	4570	\$13.21
4-6 ton roll-o-static	4650	\$11.85
S4-6A, S4-6B	4670	\$14.77
5-8 ton roll-o-static	4800	\$14.31
S5-8A	4820	\$18.81
8-10.5 ton roll-o-static	4988	\$15.00
S8-10.5A	5000	\$19.57
8-12 ton roll-o-static	5176	\$15.34
S8-12A	5190	\$20.29
10-14 ton roll-o-static	5364	\$15.99
S10-14A	5370	\$21.09

**HUBER [HUBR]**

MODEL	CODE	RATE
T 35H	5850	\$10.58
T 46H	5745	\$11.83
T 58H	5828	\$16.15
T 810H	6116	\$16.96
T 812H	6304	\$17.47
T 1014H	6492	\$18.15

**HYSTER [HYST]**

MODEL	CODE	RATE
C 330A 3-5 ton	6520	\$14.21
C 330B 3-5 ton (Hypac)	6520B	\$15.35
C 330A 4-6 ton	6525	\$15.66
C 330B 4-6 ton (Hypac)	6526	\$17.18
C 340A 5-8 ton	6530	\$15.73
C 340A 8-10 ton	6540	\$16.32
C 340B 5-8 ton	6545	\$17.52
C 340C 5-8 ton (Hypac)	6546	\$19.61
C 340B 8-10 ton	6546	\$18.27
C 340C 8-10 ton (Hypac)	6549	\$20.04
C 350B 8-12 ton	6710	\$17.30
C 350B 10-14 ton	6740	\$17.83
C 350C 8-12 ton	6750	\$19.62
C 350C 10-14 ton	6755	\$20.35
C 350D 8-12 ton	6757	\$21.50

**INGRAM [INGM]**

MODEL	CODE	RATE
4-6 ton FB	6900	\$11.60
5-6.5 ton FB	6965	\$13.22
6-9 ton GB	7058	\$17.74
8-10 ton GB	7070	\$18.34
8-12 ton HB	7175	\$19.46

10-14 ton HB	7275	\$20.13
LAYTON [LYTN]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
607	7718	\$6.99
607W	7720	\$11.81
628	7730	\$12.91

ROSCO [ROCO]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
Rollpac II - 1 ton	8800	\$1.99
Deluxe Rollpac III- 1 ton	8810	\$3.59
Sta-Pac III / II - 2 ton	8820	\$4.78

REXNORD [RXND]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
3-5 ton	8566	\$9.44
4-6 ton	8572	\$10.06
5-8 ton	8578	\$19.09
7-10 ton	8584	\$19.30
8-12 ton	8590	\$19.67
10-14 ton	8596	\$20.02

**ROLLERS, THREE STEEL WHEELS [ROL-3]**

DELAY FACTOR = 0.29 OVERTIME FACTOR = 0.74

Includes all attachments and accessories.

INGRAM [INGM]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
8 ton CB	4210	\$15.90
10 ton	4300	\$17.02
12 ton EB	4410	\$20.03
14 ton EB	4510	\$20.97

**ROLLERS, RUBBER TIRE, SELF PROPELLED [ROLRT]**

DELAY FACTOR = 0.32 OVERTIME FACTOR = 0.70

Includes all attachments and accessories.

BUFFALO-BOMAG [B-B]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
BW 20R	2824	\$14.97
BROS [BROS]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
SP 2500	2200	\$22.03
SP 3000	2300	\$21.70
SP 3300	2310	\$23.11
SP 4000	2350	\$22.78
SP 6000B	2516	\$31.38
SP 8000	2530	\$29.27
SP 10000	2611	\$31.06
SP 12000	2615	\$36.21

CATERPILLAR [CAT]		
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
PS 110	3460	\$22.08
PS 130	3465	\$21.55
PS 180	3470	\$23.45

DRESSER [DRES]			<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
			P 3000	3480	\$22.08
DYNAPAC [DYPC]			<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
			CP 15	3500	\$21.14
			CP 21	3510	\$31.73
			CP 27	3520	\$39.20

FERGUSON [FERG]			<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
			SP 912	3650	\$17.99
			SP 915	3660	\$19.28
			SP 1118	3830	\$21.84
			SP 1130	3840	\$36.19

GALION [GALN]			<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
			3500	4310	\$16.81
			P 3000	4315	\$19.13
			P 3500A	4320	\$19.93

HYSTER [HYST]			<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
			C 530A	5401	\$21.62
			C 550A	5494	\$23.51

INGRAM [INGM]			<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
			7-10000	6424	\$34.88
			9-2800P	6810	\$20.58
			9-2800PA	6820	\$21.27
			9-2800PB	6821	\$21.10
			9-3400P	6703	\$21.23
			9-3400PA	6710	\$22.30
			9-3400PB	6711	\$19.16
			9-6000	6800	\$38.15
			11-2700	6889	\$22.64
			13-2300	7075	\$23.26

TAMPO [TAMP]			<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
			SP 312, SP 312 HD	8098	\$18.71
			SP 518	8284	\$20.14
			SP 950	8656	\$40.63
			SP 1070M	8642	\$46.58

ROLLERS, RUBBER TIRE, TOWED [ROTT]					


**ROLLERS, RUBBER TIRE, TOWED [ROTT]**

DELAY FACTOR = 0.53 OVERTIME FACTOR = 0.50

Includes all attachments and accessories. Listed in accordance with the Mfr's maximum load rating in tonnes (tons).

ROLLERS, RUBBER TIRE, TOWED [ROL]			<u>Q/EB</u>	<u>ID</u>	<u>CODE</u>	<u>RATE</u>
			0	9.1 (10)	000-010	\$2.34
			9.1 (10)	27.2 (30)	010-030	\$2.86
			27.2 (30)	54.4 (60)	030-060	\$20.93
			54.4 (60)	77.1 (85)	060-085	\$28.23
			77.1 (85)	95.3 (105)	085-105	\$36.24

95.3 (105) 145.2 (160) 105-160 \$40.30  
 145.2 (160) & over 160 \$44.30

**ROLLER-TAMPING, SEGMENTED, SHEEPSFOOT,  
 SELF PROPELLED [ROTAM]**

DELAY FACTOR = 0.25 OVERTIME FACTOR = 0.78

Includes all attachments and accessories.

**BUFFALO-BOMAG [B-B]**

MODEL	CODE	RATE
K 300	1630	\$31.67
K 301	1635	\$42.45
K 401	1638	\$67.75

**CATERPILLAR [CAT]**

MODEL	CODE	RATE
815	2300	\$47.21
815B	2310	\$72.22
816	2320	\$47.98
816B	2340	\$80.32
825B	2500	\$73.98
825C	2510	\$107.89
835	2700	\$87.07

**HYSTER [HYST]**

MODEL	CODE	RATE
C 440A	4550	\$56.65
C 441A	4575	\$56.89
C 450B	4650	\$88.88
C 455B	4620	\$99.21

**INGERSOLL-RAND [I-R]**

MODEL	CODE	RATE
LF 450	4900	\$64.38
LF 750	4910	\$116.66

**RAYGO [RAGO]**

MODEL	CODE	RATE
30	6490	\$33.70
45	6500	\$65.13
RAM PAK 45	6505	\$81.18
RAM PAK 65	6525	\$75.11

**REXNORD [RXND]**

MODEL	CODE	RATE
3-30	7120	\$42.44
3-35 PACTOR	7127	\$60.41
3-45 PACTOR	7130	\$72.97
3-50, 3-50A PACTOR	7140	\$75.48
3-55, 3-55B PACTOR	7150	\$96.60

**ROLLERS-TAMPING, SEGMENTED, SHEEPSFOOT,  
 TOWED [ROTAT]**

DELAY FACTOR = 0.50 OVERTIME FACTOR = 0.55

Includes all attachments and accessories. Listed by drum dimensions in millimeters (feet) in either direction. The first digit is the diameter and the second digit is the length of each drum.

**ASINGLE DRUM UNIT [ADRU]**

MODEL	CODE	RATE
1220 mm x1220 mm (4'X4') & under	4X4	\$1.29
over 1220 mm (4') - not over 1520 mm (5')	4X5	\$1.50

over 1520 mm (5') 5 \$2.24

**DOUBLE DRUM UNIT [DDRU]**

MODEL	CODE	RATE
1220 mm x1220 mm (4'X4') & under, each	4X4	\$4.24
over 1220 mm (4') - not over 1520 mm (5'), each	4X5	\$10.81
over 1520 mm (5'), each	5	\$20.75

**TRIPLE DRUM UNIT [TDRU]**

MODEL	CODE	RATE
1220 mm x1220 mm (4'X4') & under, each	4X4	\$16.81
over 1220 mm (4') - not over 1520 mm (5'), each	4X5	\$20.82

**ROLLERS, VIBRATORY, SELF PROPELLED  
 [ROVIB]**

DELAY FACTOR = 0.34 OVERTIME FACTOR = 0.70

Includes all attachments and accessories.

**BUFFALO-BOMAG [B-B]**

MODEL	CODE	RATE
BW 210	2060	\$27.82
BW 210A	2070	\$29.95
BW 213	2060	\$29.01
BW 214	2090	\$30.84

**BOMAG [BMAG]**

MODEL	CODE	RATE
BW 35	0700	\$4.11
BW 60, 60S	0800	\$5.17
BW 65, 65S	0900	\$4.21
BW 75, 75S	1000	\$5.80
BW 90	1300	\$7.78
BW 120AD	1360	\$17.84
BW 142PD	1359	\$25.34
BW 151AD	1368	\$38.34
BW 170AD, D	1380	\$29.92
BW 172AD, D	1385	\$32.79
BW 202AD	1400	\$45.82

**BROS [BROS]**

MODEL	CODE	RATE
168 D	1495	\$32.86
SPV 627	1520	\$25.27
SPV 627VA	1540	\$24.68
SWV 627VA	1560	\$25.50
SPV 735	1920	\$34.84
SPV 735VA II	1950	\$36.55
SWV 735VA II	1980	\$37.49
SPV 745	1970	\$33.27
VM 255	2023	\$31.86
VM 268, VM 268H	2024	\$39.69
VM 278	2025	\$52.83

**CASE [CASE]**

MODEL	CODE	RATE
W 50	2227	\$3.75
W 50B	2228	\$4.11
W 55	2230	\$3.32
W 70	2235	\$5.37
W 85	2240	\$5.25
W 100	2245	\$7.20
W 121	2350	\$7.57

W 251	2400	\$13.50	DYNAPAC [DYPC]		
252, W 252	2405	\$15.33			
752, W 752	2450	\$33.55	<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
1102, W 1102	2500	\$39.53	LR 90	2401	\$7.97
1102D, W 1102D	2505	\$44.34	A 35V, A 36D	2405	\$20.78
602D	2510	\$27.86	CA 12	2409A	\$22.93
752B	2520	\$35.61	CA 12D	2409B	\$23.63
			CA 12PD	2409E	\$24.89
			CA 12PDB strikeoff blade	2409H	\$24.81
<b>CATERPILLAR [CAT]</b>			CA 15	2410	\$32.17
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>	CA 15A, CA 15D	2420	\$34.79
CB 214	8025	\$14.85	CA 20D	2422	\$33.87
CB 214B	8028	\$15.72	CA 15PD	2425	\$35.64
CB 224	8030	\$16.05	CA 25	2430	\$43.32
CB 224B	8031	\$17.87	CA 25S	2440	\$42.25
CB 314	8035	\$18.00	CA 25A, CA 25D	2450	\$46.14
CP 323 padfoot drum	8040	\$30.60	CA 25PD	2455	\$50.80
CS 323 smooth drum	8042	\$28.04	CA 25T	2460	\$35.06
CB 414	8045	\$32.63	CA 30	2462	\$48.06
CS 431	8050	\$29.11	CA 30D	2464	\$50.88
CS 431B	8051	\$35.03	CA 51S, CA 51D	2466	\$61.12
CP 433 padfoot drum	8055	\$36.16	CA 55D	2468	\$64.25
CP 433B padfoot drum	8056	\$41.52	CC 10, CC 10 series II	2470	\$16.24
CS 433 smooth drum	8060	\$33.16	CC 10A	2472	\$12.86
CS 433B smooth drum	8061	\$38.34	CC 12	2472E	\$18.50
CS 434	8062	\$36.59	CC 14	2473	\$26.60
CB 514	8065	\$41.33	CC 21	2474	\$32.26
CB 534	8067	\$47.92	CC 21 II	2474B	\$34.20
CS 551	8070	\$33.27	CC 211	2474C	\$36.39
CP 553 padfoot drum	8075	\$53.82	CC 42 II Dynatronic	2475	\$49.34
CS 553 smooth drum	8080	\$49.98	CC 42A	2476	\$45.85
CP 563	8082	\$56.33	CC 50	2482	\$45.61
CS 563	8083	\$52.51	CC 50A	2488	\$56.70
CB 614	8085	\$57.15	CC 50PD	2488E	\$91.52
			CC 50S	2489	\$80.80
<b>CEDAR RAPIDS [CEDR]</b>			CG 09	2493	\$5.70
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>	CG 10A	2494	\$12.68
DF 20	8200	\$42.99	CG 15	2496E	\$18.78
DF 30	8210	\$58.07	CG 15C	2496G	\$18.78
			DD 18	2496	\$5.83
<b>DRESSER [DRES]</b>			300V	2499E	\$7.66
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>	2100V	2499H	\$7.23
VOS 66A	8380	\$32.63			
VOSA 66A	8390	\$35.28	<b>ESSICK [ESIK]</b>		
VOSD 66A	8400	\$34.33	<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
VOSPD 66A	8410	\$36.16	VR 30RE	2700	\$5.28
VOS 84A	8415	\$43.43	VR 42RE	2820	\$13.83
VOSA 84A	8420	\$46.53	V 30WR, V 30W2-R	2902	\$5.02
VOSPD 84A	8430	\$49.12			
VOS 2-42A	8435	\$18.62	<b>FERGUSON [FERG]</b>		
VOS 2-66A, VOS 2-66B	8440	\$49.91	<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
			SP 66D	3020	\$30.94
<b>DUOMAT [DUMT]</b>			SP 75	3050	\$31.61
<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>	SP 75B	3100	\$30.79
R 40	2200	\$3.95	SP 75BA	3110	\$32.48
R 50	2210	\$5.39	SP 75D	3115	\$38.87
R 66	2250	\$4.91	SP 75DT	3117	\$42.55
R 77B	2310	\$6.35	SP 230D	3130	\$41.81
R 90B	2400	\$7.87	SP 242	3135	\$17.02
SDR 1100	2410	\$12.89	SP 266	3140	\$42.65
SDR 1300	2420	\$16.61	SP 266A	3145	\$42.65

**GALION [GALN]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
VOS 66A	3180	\$29.71
VOSA 66A	3190	\$31.68
VOSD 66A	3195	\$31.79
VOSPD 66A	3197	\$34.30
VOS 84	3200	\$31.34
VOS 84A	3300	\$39.80
VOSA 84A	3320	\$42.17
VOSD 84A	3325	\$42.83
VOSPD 84A	3340	\$44.80
VOS 2-42A	3345	\$18.88
VOS 2-66A	3350	\$43.28

**HYSTER [HYST]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
C 612B	3450	\$34.74
C 610A	3500	\$19.44
C 610B	3540	\$31.47
C 615B	3562	\$32.76
C 617B	3563	\$34.42
C 620B	3566	\$33.15
C 625B	3570	\$33.99
C 627B	3572	\$35.78
C 727A	3572E	\$46.05
C 748A (Hypac/Hyster)	3572F	\$18.91
C 850A	3572J	\$48.92
C 850B (Hypac/Hyster)	3572K	\$54.30
C 852A	3572N	\$52.96
C 852B (Hypac/Hyster)	3572P	\$58.32
C 860A	3572S	\$51.52
C 860B (Hypac/Hyster)	3572T	\$59.10

**INGERSOLL-RAND [I-R]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
DD 23	3570	\$14.90
DA 30	3573	\$16.51
DD 35	3573C	\$17.84
DA 40	3573E	\$33.49
DA 41	3573G	\$36.05
DA 48	3573M	\$44.58
DA 50	3574	\$46.21
DD 65	3574A	\$35.44
DF 84	3574B	\$75.17
DS 84	3574C	\$71.57
DD 90	3574D	\$46.27
DD 145	3574J	\$63.60
SP 42	3700	\$23.95
SPA 42	3800	\$26.57
SPA 56	3810	\$38.60
SPF 42	3875	\$27.08
SP 48	3880	\$31.63
SP 48DD	3885	\$34.04
SPF 48	3890	\$36.25
SPF 48B	3892	\$38.67
SPA 50	3900	\$34.92
SP 54	4000	\$31.13
SP 54DD	4005	\$33.30
SPA 54	4010	\$32.06
SPF 54	4020	\$36.02
SP 56	4030	\$40.13

SP 56DD	4035	\$43.31
SP 56DH	4037	\$52.85
SPF 56	4040	\$45.06
SPF 56B	4050	\$48.26
SPF 56DH	4080	\$54.46
SPF 56DHB	4090	\$58.64
SP 60	4100	\$59.09
SP 84	4105	\$58.62
SP 60DD	4110	\$77.80
SPF 60	4120	\$87.85
SPF 60B	4130	\$95.20
SPF 60C	4132	\$85.19
SPF 84	4133	\$60.49
SPF 84B	4134	\$65.36
SPG 20	4135	\$5.18
SD 40D	4138	\$28.41
SD 70	4139	\$34.68
SD 100	4140	\$43.33
SD 100D	4140D	\$50.91
SD 100F	4140F	\$52.51
SD 150D	4143D	\$66.41

**KOEHRING-BOMAG [KOBO]**

<u>MODEL</u>	<u>CODE</u>	<u>RATE</u>
BW 35	4150	\$4.78
BW 35S/BW 35W	4155	\$3.99
BW 60S	4180	\$6.06
BW 65S	4185	\$5.08
BW 100AC	4187	\$18.58
BW 100AD	4188	\$18.06
BW 120AC	4188E	\$18.05
BW 120AD	4189	\$18.76
BW 75E	4170	\$3.32
BW 75S	4175	\$6.00
BW 75SLR, 75ADL	4182	\$8.21
BW 76AD	4184	\$6.09
BW 90A	4185	\$10.84
BW 90SL	4190	\$8.36
BW 90SLR, 90ADL	4192	\$9.26
BW 92A	4192E	\$6.07
BW 101A	4192L	\$8.71
BW 121AD	4193	\$15.87
BW 130AD	4193E	\$20.01
BW 140AD	4194	\$32.09
BW 141AC	4194B	\$37.71
BW 141AD	4194E	\$30.56
BW 142D	4194H	\$22.81
BW 160AC	4194J	\$40.00
BW 160AD	4195	\$38.04
BW 170	4200	\$27.24
BW 170D	4205	\$29.13
BW 170PD	4210	\$32.75
BW 172	4212	\$28.54
BW 172D	4212E	\$31.72
BW 201 AD	4213	\$48.99
BW 210	4215	\$36.36
BW 210A	4220	\$40.42
BW 210D	4225	\$34.93
BW 210DH	4230	\$39.65
BW 210PD	4235	\$41.35
BW 213D	4237	\$47.28

BW 214D	4238	\$50.46	6904A RUSTLER	5240	\$36.76
BW 215D	4240	\$55.01	7204A RUSTLER	5450	\$42.94
BW 217D	4242	\$70.38			
BW 220D	4250	\$48.97	RAMMAX [RAMX]		
LAYTON [LYTN]			MODEL	CODE	RATE
MODEL	CODE	RATE	P 33/24	4605	\$10.44
607V	4325	\$11.11	P 33/24 w/ remote	4606	\$11.94
607VV	4330	\$17.80	P 51	4625	\$23.42
638	4335	\$19.30	S 51	4630	\$20.79
648	4340	\$20.64	P 47	5290	\$16.66
MIKASA [MIKA]			ROSCO [ROCO]		
MODEL	CODE	RATE	MODEL	CODE	RATE
MDR 7DW	4404	\$4.54	HYDRAPAC (100)	5490	\$13.84
MDR 9G	4405	\$6.52	HYDRAPAC (350)	5495	\$17.53
MDR T38S	4407	\$4.76	VIBRAPAC II	5600	\$4.40
MRV 10GA	4408	\$9.32	VIBRASTAT II	5720	\$5.91
			VIBRASTAT III	5750	\$6.96
PETTIBONE [PET]			SAKAI [SAKI]		
MODEL	CODE	RATE	MODEL	CODE	RATE
C 33	4410	\$16.71	SG 25	6000	\$13.94
C 33P	4415	\$19.12	SW 25	6005	\$16.42
C 33S	4417	\$16.71	SW 41	6015	\$21.23
C 44P	4425	\$44.78	SV 70	6025	\$31.58
C 44S	4427	\$38.57	SV 70D	6026	\$32.25
C 44PT	4435	\$37.16	SW 70	6030	\$37.99
C 44PS	4437	\$41.67	SW 70C	6031	\$30.79
C 44TS	4440	\$34.05	SV 91	6050	\$43.68
C 200	4450	\$29.62	SV 91D	6051	\$46.10
C 205	4460	\$31.78	SW 100	6055	\$45.14
C 250	4470	\$42.22	SV 200	6060	\$23.67
REX CHAINBELT [R-C]			TAMPO [TAMP]		
MODEL	CODE	RATE	MODEL	CODE	RATE
SP 400	5280	\$20.01	RH 28C	5667	\$37.47
SP 848, 848B	5300	\$44.89	RH 48	5900	\$49.07
SP 848D	5425	\$49.38	RH 199	5980	\$99.98
SP 1000	5430	\$49.80	RP 16D (HD)	5990	\$32.10
RAYGO [RAGO]			RP 28D	5995	\$43.47
MODEL	CODE	RATE	RP 48D	6110	\$47.79
1-36 REBEL	4605	\$6.65	RP 58D	6115	\$50.78
2-36 ROMPER	4610	\$14.77	RS 16 (HD)	6170	\$30.11
2-66 RANGER	4620	\$46.08	RS16A (HD)	6180	\$31.88
2-84 RANGER	4630	\$61.83	RS 16D (HD)	6185	\$32.10
220A RASCAL	4640	\$27.94	RS 28C	6315	\$38.95
303A RASCAL	4655	\$27.42	RS 28D	6320	\$40.29
304A RUSTLER	4680	\$29.52	RS 58	6325	\$47.43
320A RASCAL	4676	\$35.17	RS 58D	6327	\$46.95
320S RASCAL	4690	\$32.18	RS 144A	6330	\$23.77
400A RASCAL	5010	\$32.36	RS 156A	6340	\$33.03
404B RUSTLER	5110	\$38.19	RS 166A	6350	\$42.50
410A RASCAL	5150	\$36.28	RS 188A	6370	\$54.79
420C RASCAL	5165	\$45.24	RS 210	6400	\$45.03
450A RASCAL	5167	\$44.84	WACKER [WACK]		
510A RASCAL	5190	\$48.01	MODEL	CODE	RATE
600A RASCAL	5220	\$43.40	R 900	7850	\$10.13
4000 RASCAL	5235	\$43.69	R 1000	7855	\$16.08
4200 RASCAL	5236	\$50.22	W 55T	7860	\$5.87
4404 RUSTLER	5236E	\$17.74	W 74L, W 74T	7880	\$7.11
5604A RUSTLER	5237	\$31.10	W 74	7890	\$6.72

W75	7900	\$5.53
WDH84	7910	\$10.09
WDH 86-110	7912	\$12.59
WHK 90 A/WHK 90L	7915	\$11.02

**ROLLERS, VIBRATORY, TOWED [ROVIT]**

DELAY FACTOR = 0.44 OVERTIME FACTOR = 0.60

Includes all attachments and accessories. Rated in accordance with the kilowatts (horsepower) of the engine on the roller (gas or diesel).

**ROLLERS, RUBBER TIRE, TOWED [ROL]**

QVEB	ID	CODE	RATE
0	11 (15)	0-15	\$5.45
11 (15)	22 (30)	15-30	\$6.58
22 (30)	35 (45)	30-45	\$8.81
35 (45)	48 (65)	45-65	\$28.33

**SHOVELS & CRANES, CRAWLER [S&CCL]**

DELAY FACTOR = 0.35 OVERTIME FACTOR = 0.69

Includes all attachments and accessories when used as a crane, clamshell, dragline or for pile driving (not including leads or driving equipment).

**BUCYRUS-ERIE [B-E]**

MODEL	CODE	RATE
30B series 4 HD	2116	\$50.57
30B series 4 Super	2132	\$63.35
30B series 5 HD	2136	\$67.82
30B series 5 Super	2138	\$78.52
38B series 2 HD	2276	\$70.12
38B series 3 HD	2317	\$84.17
61B series 2	2500	\$90.89
61B series 2 HD	2532	\$100.20
61B series 2 110 ton	2540	\$111.90
61B series 2 Super	2548	\$122.04
65D series 2 HD	2555	\$108.31
65D series 3 HD	2560	\$110.38
71B series 3	2692	\$109.58
71B series 3 HD	2724	\$122.16
88B series 4	2868	\$168.42
88B series 4 HD	2884	\$193.49

**LINK-BELT [L-B]**

MODEL	CODE	RATE
LS 78	4702	\$27.11
LS 78 pipeliner	4724	\$48.22
LS 98	4826	\$45.89
LS 98 pipeliner	4852	\$55.65
LS 98A	4924	\$47.97
LS 108B	4980	\$58.02
LS 108D	4981	\$70.56
LS 118	4998	\$79.46
LS 128DL	5005	\$57.29
LS 128DLC	5007	\$69.59
218H	5010	\$113.30
LS 318	5012	\$78.95
LS 338	5020	\$91.20
LS 518	5124	\$134.17

**MANITOWOC [MTWC]**

MODEL	CODE	RATE
2900 WC	8764	\$59.54
3000 W	8812	\$57.83
3900B (100 ton)	9036	\$108.28
3900 W VICON series 2	8132	\$131.37
4000 W VICON	8180	\$139.54
4100 W VICON series 1	8198	\$169.93
4800 VICON series 1	8328	\$226.52
4800 VICON series 3	8332	\$275.86

**NORTHWEST [NW]**

MODEL	CODE	RATE
41 (15 ton)	6948	\$36.19
5030, 50D (30 ton)	7014	\$66.84
5035, 50D (35 ton)	7018	\$64.67
5045, 50D (45 ton)	7020	\$60.82
5060, 50D (50 ton)	7029	\$68.17
5065, 50D (65 ton)	7030	\$70.65
50DA	7031	\$59.25
7060, 70D (60 ton)	7038	\$88.17
7060, 70D WT (60 ton)	7037	\$82.99
80D (40 ton)	7070	\$90.53
9540, 95D (40 ton)	7128	\$89.79
9570, 95D (60 ton)	7196	\$97.13
180D ser II (97.5 ton)	7234	\$148.23
190D WT series II / III	7272	\$141.03
190D series II / III HD	7278	\$137.51
1200C	7281	\$147.68
8040	8000	\$87.49

**P&H [P&H]**

MODEL	CODE	RATE
320H	7465	\$36.12
535	7718	\$59.27
550	7748	\$65.82
670 WLC	7892	\$69.07
5080	8214	\$70.50
5100	8215	\$100.21
5150R	8220	\$129.74
DELTA 5250	8225	\$213.85
C 65	8235	\$70.87
C 120	8240	\$114.88
C 185	8245	\$145.74

**SHOVELS & CRANES, TRUCK MOUNTED [S&CTK]**

DELAY FACTOR = 0.38 OVERTIME FACTOR = 0.66

Includes trucks/carrier. Includes all attachments and accessories when used as a crane, clamshell, dragline or for pile driving (leads and driving equipment not included).

**AMERICAN HOIST & DERRICK [AMHD]**

MODEL	CODE	RATE
5470	1015	\$82.23
5530	1080	\$95.09
7450	1130	\$54.29
7460	1140	\$103.13
7530	1170	\$116.44
8460	1176	\$153.60
8470	1179	\$176.49

**LINK-BELT [L-B]**

MODEL	CODE	RATE
HC 48A	4332	\$36.40
HC 108C	4970	\$71.31
HC 138	4992	\$56.19
HC 138A	4995	\$115.54
HC 218	5050	\$65.33
HC 218A	5051	\$112.40
HC 228H	5054	\$148.90
HC 238A, 238B	5055	\$115.80

**LORAIN [LORN]**

MODEL	CODE	RATE
MC 550A	5740	\$67.23
MC 670A	5810	\$83.19
MC 790	5690	\$96.57
MC 1150	5925	\$103.78
MC 1400	5930	\$113.06
MC 1650	5935	\$135.27

**P&H [P&H]**

MODEL	CODE	RATE
440 TC	7240	\$46.77
650A TC	7720	\$67.24
670 TC	7790	\$71.19
790 TC	7880	\$72.91
8115A TC	7950	\$100.21
9070	7952	\$82.83
9115	7955	\$110.20
9125 TC	7990	\$96.96
9125A TC	8000	\$106.74
9150	8010	\$162.81

**SANDBLASTING EQUIPMENT [SANBL]**

DELAY FACTOR = 0.56 OVERTIME FACTOR = 0.48

Includes helmets, gauntlets, 30.5 meters (100 feet) of hose, pot, all control valves, nozzles and other attachments and accessories. Rated in accordance with the capacity of the pot measured in kilograms (pounds) of sand.

**MANUAL CONTROL ONLY [MANC]**

QVEB	ID	CODE	RATE
45 (100)	159 (350)	100-350	\$0.55
159 (350)	272 (600)	350-800	\$0.72

**MANUAL & REMOTE CONTROL [MARE]**

QVEB	ID	CODE	RATE
0	45 (100)	0-100	\$0.35

**REMOTE CONTROL ONLY [REMC]**

QVEB	ID	CODE	RATE
45 (1000)	159 (350)	010-035	\$0.81
159 (350)	272 (600)	035-060	\$0.88
272 (600)	454 (1000)	060-100	\$0.96
454 (1000)	680 (1500)	100-150	\$1.45
680 (1500)	907 (2000)	150-200	\$1.51
907 (2000)	1361 (3000)	200-300	\$2.17
1361 (3000)	1814 (4000)	300-400	\$2.51

**SAWS, CHAIN AND EARTH AUGER ATTACHMENT [SAWCH]**

DELAY FACTOR = 0.23 OVERTIME FACTOR = 0.78

Hand held type, one or two man, gas, air or electric powered including all attachments and accessories. Blades, chains and tips shall be paid separately. Saws which cost less than \$500 are considered minor tools and are no longer listed. Rated in accordance with Mfr's kilowatts (horsepower).

**SAWS [SAW]**

MODEL	CODE	RATE
>3.7 (5) 30 amps @ 120V	5-HP	\$0.98

**SAWS, CONCRETE AND MASONRY [SAWCO]**

DELAY FACTOR = 0.30 OVERTIME FACTOR = 0.71

Self powered gas, air or electric powered. Includes water (but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Saw blades or abrasive discs shall be paid in accordance with the following sawkerf codes.

**A SINGLE BLADE SAWKERF [ABSK]**

The following allowance is entered on the extra work bill by using length x depth for hours worked.

UNITS	CODE	RATE
Rate / 0.3 meter (lin ft) / 25 mm (inch) depth	LF-INDE	\$0.17
Rate / 30.5 m (100 lin ft) / 25 mm (inch) depth	100'/IN	\$17.00

**A SINGLE BLADE OPERATION [ABOP]**

Listed in accordance with Mfr's rated kilowatts (horsepower).

QVEB	ID	CODE	RATE
0	7.5 (10)	0-10	\$1.42
7.5 (10)	14.9 (20)	10-20	\$2.90
14.9 (20)	24.6 (33)	20-33	\$5.33
24.6 (33)	33.6 (45)	33-45	\$6.55
33.6 (45)	48.5 (65)	45-65	\$8.54

**MULTI BLADE SAWKERF [MBSK]**

The following allowance is entered on the extra work bill by using length x depth for hours worked.

UNITS	CODE	RATE
Rate / 0.3 meter (lin ft) / 25 mm (inch) depth	LF-INDE	\$0.21
Rate / 30.5 m (100 lin ft) / 25 mm (inch) depth	100'/IN	\$21.00

**MULTI BLADE OPERATION [MBOP]**

Listed in accordance with Mfr's rated kilowatts (horsepower).

QVEB	ID	CODE	RATE
0	14.9 (20)	0-20	\$3.48
14.9 (20)	27.6 (37)	20-37	\$12.48
27.6 (37)	48.5 (65)	37-65	\$13.91

**SCRAPERS, SELF PROPELLED [SCRSP]**

DELAY FACTOR = 0.32 OVERTIME FACTOR = 0.70

Includes all attachments and accessories.

**CATERPILLAR [CAT]**

MODEL	CODE	RATE
613	1395	\$28.78
613B	1400	\$34.95
613C	1402	\$50.35
615	1415	\$66.93
615C	1416	\$76.76
621B cushion hitch	1660	\$83.79
623B	1700	\$89.71
623E	1702	\$108.52



627B push pull	1770	\$106.84
627E non push-pull	1772	\$117.80
627E push-pull	1773	\$122.45
631C 67M5012 serial	2170	\$82.85
631D	2160	\$123.77
631E	2185	\$144.88
633C non cushion hitch	2305	\$74.77
633C cushion hitch	2315	\$74.78
633C 66M693 serial	2320	\$88.68
633D	2330	\$135.13
637 cushion, non-push-pull	2375	\$113.68
637 non-cushion, push-pull	2410	\$116.10
637D non push-pull	2460	\$166.45
637D push-pull	2470	\$170.70
639D	2475	\$181.44
637E	2478	\$195.95
637E push-pull	2477	\$201.27
641B non cushion hitch	2820	\$92.73
641B cushion hitch	2855	\$141.35
651B non cushion hitch	2935	\$130.36
651B cushion hitch	2970	\$154.25
651E	2975	\$186.45
657B non cushion hitch	3250	\$136.03
657B non cushion, push-pull	3320	\$137.82
657B non cushion, non p-p	3360	\$187.30
657B cushion, push-pull	3370	\$193.09
657E non push-pull	3375	\$253.17
657E push-pull	3380	\$260.78
660B	3470	\$122.68
666B	3800	\$172.54

**JOHN DEERE [DEER]**

MODEL	CODE	RATE
JD 760A	3845	\$27.62
JD 762	3880	\$38.74
JD 762A	3865	\$43.35
JD 762B	3886	\$50.32
JD 860A	3920	\$43.29
JD 860B	3930	\$46.13
JD 862	3940	\$60.23

**FIAT-ALLIS [F-A]**

MODEL	CODE	RATE
161	8160	\$59.79
260B	8180	\$105.02
261B	8184	\$89.12
262B	8185	\$106.07
263B	8186	\$115.90
460C	8188	\$82.21

**INTERNATIONAL [INTL]**

MODEL	CODE	RATE
412B	5631	\$42.07
431B	5637	\$82.55
433B	5843	\$109.34
442	5645	\$68.72
442B	5647	\$88.65
444	5650	\$91.42
444B	5653	\$108.88

**TEREX [TERX]**

MODEL	CODE	RATE
TS 14B 17UOT-97SH non twin	8155	\$81.25
TS 14B 17UOT-97SH twin	8160	\$83.64
TS 14B 053-054, non twin	8168	\$83.69
TS 14B 053-054, twin hitch	8170	\$88.31
TS 14C non twin hitch	8172	\$91.36
TS 14C twin hitch	8174	\$95.97
TS 18 33TOT-92SH non twin	8220	\$98.22
TS 18 33TOT-92SH twin	8230	\$101.07
TS 18 021-022, non twin	8240	\$111.73
TS 18 021-022, twin hitch	8242	\$115.28
S 23E 33TOT-H-93SH, elev	8250	\$81.53
S 24 49LOT-76SH serial	8260	\$94.44
S 24B 023-024	8270	\$128.29
S 24C	8275	\$144.87
TS 24 43LOT-78SH non twin	8290	\$112.75
TS 24 43LOT-78SH twin	8300	\$115.57
TS 24 57LOT-109SH non twin	8305	\$117.75
TS 24 57LOT-109SH twin	8310	\$120.89
TS 24 007-008, non twin	8315	\$149.39
TS 24 007-008, twin hitch	8320	\$154.12
TS 24B 035-036	8322	\$174.67
TS 24C non twin hitch	8324	\$198.94
TS 24C twin hitch	8326	\$204.37
TS 32 non twin hitch	8395	\$153.71
TS 32 twin hitch	8400	\$158.38
S 35E	8430	\$101.71

**WABCO [WAB]**

MODEL	CODE	RATE
101F	8570	\$30.78
101G	8575	\$37.40
111A	8640	\$32.29
222G	8700	\$84.86
222H	8704	\$79.32
229H	8725	\$72.88
252FT twin engine	8730	\$145.01
259FT twin engine	8735	\$142.25
333F	8740	\$106.12
333FT twin engine	8760	\$161.10
336F	8815	\$111.62

**SCRAPERS, TOWED [SCRTO]**

DELAY FACTOR = 0.82 OVERTIME FACTOR = 0.53

Includes power control unit, elevator and all attachments and accessories. Listed in accordance with the Mfr's struck capacity rating in cubic meters (cubic yards).

**SCRAPER [SCRA]**

OVER	ID	CODE	RATE
0	4.8 (6.3)	00-8.3	\$1.41
4.8 (6.3)	8.4 (11)	06.3-11	\$8.57
8.4 (11)	13.8 (18)	11-18	\$16.96
13.8 (18) & over		18	\$19.56

**TRACTORS, CRAWLER [TRACC]**

DELAY FACTOR = 0.35 OVERTIME FACTOR = 0.87

Includes all attachments and accessories such as dozer blade and power control blocks when needed, but does not include backhoe, winch or ripper units listed elsewhere in this schedule.

**CASE [CASE]**

MODEL	CODE	RATE
350	1820	\$11.44
350B	1825	\$13.02
450	1868	\$11.64
450B	1889	\$13.24
450C	1889E	\$16.51
475	1870	\$21.24
550	2000	\$16.78
650	2100	\$19.50
850	2128	\$15.22
850B	2130	\$17.08
850C	2135	\$20.88
850D	2140	\$21.08
1150B	2250	\$23.30
1150C	2255	\$26.04
1150D	2257	\$30.48
1150E	2258	\$26.99
1450	2260	\$31.66
1450B	2268	\$40.87
1550	2270	\$40.54

**CATERPILLAR [CAT]**

MODEL	CODE	RATE
D-3	2340	\$13.37
D-3B	2345	\$15.95
D-3 LGP	2350	\$13.85
D-3B LGP	2355	\$16.98
D-3B SA	2370	\$17.05
D-3C	2380	\$17.96
D-4D	2655	\$15.54
D-4E direct drive	2660	\$17.36
D-4E power shift	2665	\$19.40
D-4H	2670	\$24.59
D-4H LGP	2675	\$25.08
D-4H Series II	2680	\$26.45
D-4E SA	2772	\$20.05
D-4E LGP power shift	2760	\$20.15
D-4E LGP direct drive	2762	\$20.22
D-5	3194	\$23.36
D-5B	3206	\$31.00
D-5B SA	3325	\$26.86
D-5B LGP	3345	\$31.00
D-5H	3347	\$34.53
D-5H Series II	3348	\$37.52
D-5H LGP	3350	\$37.89
D-6C direct drive	3645	\$29.35
D-6C power shift	3668	\$27.91
D-6C LGP	3710	\$33.30
D-6D	3720	\$40.50
D-6D SA	3725	\$38.68
D-6D LGP	3730	\$42.99
D-6H	3732	\$45.76
D-6H Series II	3733	\$47.30
D-6H LGP	3735	\$50.63

D-7G	4180	\$62.90
D-7G LGP	4200	\$63.30
D-7G SA	4210	\$50.12
D-7H	4215	\$66.33
D-7H Series II	4216	\$70.02
D-7H LGP	4220	\$73.25
D-8K	4858	\$71.02
D-8L	4862	\$100.05
D-8L SA	4863	\$97.80
D-8N	4864	\$85.67
D-9H	5160	\$97.77
D-9L	5185	\$130.81
D-9N	5170	\$114.95
D-10	5220	\$201.67
D-10N	5225	\$157.46
D-11N	5230	\$254.18

**JOHN DEERE [DEER]**

MODEL	CODE	RATE
JD 350C	5360	\$14.02
JD 350D	5365	\$15.20
JD 400G	5405	\$14.96
JD 450C	5474	\$16.31
JD 450D	5476	\$17.10
JD 450E	5478	\$16.66
JD 450G	5479	\$17.40
JD 550	5480	\$18.90
JD 550A	5481	\$20.40
JD 550B	5483	\$19.11
JD 550G	5484	\$20.03
JD 650G	5484A	\$22.50
JD 750	5485	\$30.47
JD 750B	5486	\$31.60
JD 750 LGP	5467	\$33.70
JD 750B LGP	5468	\$32.73
JD 850	5490	\$39.45
JD 850B	5491	\$42.45
JD 850 LGP	5492	\$44.66
JD 850B LGP	5495	\$45.35

**DRESSER [DRES]**

MODEL	CODE	RATE
TD 7E	9100	\$17.42
TD 7G	9102	\$18.52
TD 8E	9105	\$21.70
TD 8G	9107	\$22.62
TD 12	9110	\$32.72
TD 12 LGP	9115	\$35.06
TD 15C	9120	\$41.76
TD 15E	9122	\$46.22
TD 15C LGP	9125	\$46.10
TD 20E	9130	\$50.73
TD 20G	9135	\$66.54
TD 20G LGP	9137	\$72.81
TD 25E	9139	\$81.26
TD 25G	9140	\$93.28
TD 40	9145	\$128.28
TD 40B	9146	\$151.95

**FIAT-ALLIS [F-A]**

MODEL	CODE	RATE
FD 5	6029	\$18.73

FD 7	6029E	\$22.52	D 355A-5	8171	\$118.57
FD 9	6029H	\$31.00	D 375A-1	8175	\$161.10
8B	6041	\$22.10	D 375A-2	8176	\$167.02
8B LGP	6041E	\$23.52	D 455A-1	8180	\$178.16
10C	6043	\$34.21	D 455A-2	8186	\$264.54
10C LGP	6044	\$35.53			
14C	6048	\$42.80			
FD 14E	6048E	\$50.72	LIEBHERR [LIEB]		
14C LGP	6049	\$46.88	MODEL	CODE	RATE
16B	6054	\$46.51	PR 711	8190	\$24.25
FD 20	6056	\$71.24	PR 721C	8200	\$33.32
21C	6060	\$67.84	PR 731C	8205	\$43.92
FD 30	6060E	\$86.80	PR 741C	8210	\$60.75
FD 30B	6060F	\$96.58	PR 751C	8215	\$97.81
31	6061	\$110.99			
FD 40	6061E	\$137.22	TEREX [TERX]		
FD 40B	6061F	\$139.00	MODEL	CODE	RATE
FD 50	6061H	\$165.61	82-20B	8782	\$55.17
41B	6062	\$151.71	82-30B 260 hp torq conv	8792	\$67.58
			82-50	8860	\$96.01
KOMATSU [KOMA]			D 600D	9000	\$37.42
MODEL	CODE	RATE	D 600D LGP	9010	\$39.40
D 21P-6	7965	\$16.25	D 700A	9012	\$56.38
D 31A-16	7970	\$14.92	D 750	9015	\$69.89
D 31A-17	7972	\$17.51	D 800	9020	\$92.92
D 31E-17	7976	\$17.81			
D 31E-18	7977	\$18.70			
D 31P-16	7980	\$15.35			
D 31P-17	7981	\$18.32			
D 31P-17B	7981E	\$18.94			
D 37E-1	7981F	\$19.44			
D 37E-2	7981FA	\$20.00			
D 37P-1	7981G	\$20.86			
D 41A-3	7981H	\$23.37			
D 41A-3A	7981K	\$25.54			
D 41P-3	7981P	\$26.73			
D 45A-1	7982	\$19.97			
D 45P-1	7985	\$21.92			
D 53A-15	7990	\$23.68			
D 53A-16 / D 53A-17	8000	\$35.14			
D 53P-16 / D 53P-17	8002	\$37.36			
D 58E-1	8003	\$39.49			
D 58P-1	8003H	\$42.13			
D 60P-6	8058	\$35.18			
D 63E-1	8059	\$44.48			
D 65E-6	8070	\$40.60			
D 65E-7, E-8	8072	\$48.06			
D 65P-6	8080	\$43.60			
D 65P-7 / D 65P-8	8082	\$51.88			
D 68P-1	8083	\$61.62			
D 68E-1	8085	\$57.73			
D 83E-1	8087	\$68.07	CLARK [CLRK]		
D 83P-1	8088	\$69.29	MODEL	CODE	RATE
D 85P-18	8090	\$73.13	280	2050	\$93.16
D 85A-18	8114	\$55.59	280B	2055	\$96.84
D 85E-12	8120	\$46.19	280C	2057	\$98.02
D 85E-18	8140	\$67.26	380	2060	\$124.81
D 135A-1	8150	\$85.14	380B	2070	\$174.76
D 155A-1	8160	\$95.73			
D 155A-2	8161	\$94.55			
D 355A-3	8170	\$124.54	RAYGO-WAGNER [R-W]		
			MODEL	CODE	RATE
			CHD 17	7750	\$89.26
			CHD 24	7755	\$122.74
			CHD 24S	7757	\$133.68
			CD 500	7770	\$91.75
			CD 800	7775	\$122.23
			CD 800S	7780	\$133.24

**TRACTORS, HEAVY [TRACH]**

DELAY FACTOR = 0.30 OVERTIME FACTOR = 0.73

Includes all attachments and accessories such as dozer blades, power control units and push blocks, when needed, but does not include backhoe, winch or ripper units listed elsewhere in this schedule.

**CATERPILLAR [CAT]**

MODEL	CODE	RATE
814	1400	\$55.57
814B	1410	\$86.69
824B	1720	\$80.34
824C	1730	\$109.28
834B	2010	\$165.09

**CLARK [CLRK]**

MODEL	CODE	RATE
280	2050	\$93.16
280B	2055	\$96.84
280C	2057	\$98.02
380	2060	\$124.81
380B	2070	\$174.76

**RAYGO-WAGNER [R-W]**

MODEL	CODE	RATE
CHD 17	7750	\$89.26
CHD 24	7755	\$122.74
CHD 24S	7757	\$133.68
CD 500	7770	\$91.75
CD 800	7775	\$122.23
CD 800S	7780	\$133.24

**TRACTORS, RUBBER TIRE, INDUSTRIAL, FARM & SKID STEER [TRACS]**

DELAY FACTOR = 0.24 OVERTIME FACTOR = 0.78

**37.3 kW (50 HP) OR LESS [< 50]**

Including but not limited to the following:

Allis-Chambers D-10, D-10 ser II, D-12, D-12 ser II, D-14, D-15, D-15 ser II, I-40, 400  
 Case 210-B, 310-B, 320, 380-B, 420-B, 430, 440, 540, 1526, 1530, 1537, 1737,  
 1740, 1816C, 1830, 1835, 1835-B, 1845, 1845-B  
 Davis 430  
 Deere 40-U, 140, 320-U, 330-U, 420-U, 440-I, JD-24, JD-300, JD-300B, JD-302,  
 JD-302A  
 Ford New, Bn, Fmd-12, 14, Fm-14, U-14, 230-A, 335, 340, A, B, 420, 445, A, 601,  
 611, 621, 630, 631, 640, 641, 651, 660, 671, 681, 801, 811, 820, 840, 841, 850, 860,  
 861, 871, 881, 2000, 2100, 3000, 3100, 3400, 3500, 3550, 20301, 20302, 20304,  
 20305, 20306, 21201, 21300, 52303  
 International 130, 140, 238, 240, 300, 330, 340, 350, 400, 404, 414, 460, 500, 504,  
 1850, 2404, 2405, B, 2410, 2412, 2424, 2444, 3200A, B, 3300B, 3414, 3444  
 Long 445, 460  
 Massey-Ferguson TO 35, 20C, D, E, F, 25, 30B, E, 35, 40, 65 deluxe, 202, 203, 204,  
 205, 230, 711, 811, 2135, 2200  
 Melroe-Clark Bobcat 310, 313, 371, 440, 443, 444, 500, 520, 530, 533, 540, 543,  
 600, 610, 611, 620, 630, 640, 641, 642, 643, 700, 721, 730, 741, 742, 743, 800, 825  
 Minneapolis-Moline 335, 455, Jet Star  
 New Holland 325, 425, 445, 451, 452, 454, 455, 554, 555  
 Oliver Super 55, 77, 550  
 Owatonna Mustang 330, 332, 334, 440, 442, 770, 1000, 1200, 1700  
 Thomas Skid Steers  
 Universal Unloader  
 White 2-44, 4-30  
 White-Oliver 2-44

MODEL	CODE	RATE
w/o attachments	A	\$9.04
loader, auger or dozer	B	\$9.24
backhoe, w or w/o dozer	C	\$10.79
backhoe or auger & loader	D	\$10.59

**OVER 37.3 kW (50 HP) [> 50]**

Including but limited to the following:

Allis-Chambers D-17, D-17 ser II, D-19, I-60, I-600  
 Case W-3G, 920-B, 530  
 Deere 820, 830, 840, 2010, 2020, 3010, 4010, 4020, JD-400, JD-401, A, B, C, D  
 Ford 515, 530-A, B, 545, A, 548, 550, 555, A, B, 1800, 1811, 1821, 1871, 1881,  
 4000, 4100, 4400, 4500, 5000, 5100, 5500, 6100, 7000, 7100, 40301, 40403,  
 40405, 40406, 41201, 41300, 41500  
 International 250, A, 450, 560, 600, 606, 660, 2400, A, B, 2500, A, B, 2510, B, 2514,  
 B, 2544, 2606, 2656  
 Massey-Ferguson 30, 40B, E, 50, A, C, D, E, F, H, 65 utility, 85, 90, 989, 302, 303,  
 304, 356, 3165  
 Melroe-Clark Bobcat 843, 943  
 Minneapolis-Moline Big Mo 400, 500, 600, I-500, G-VI, G-70  
 New Holland 775, 779, 781, 784, 785  
 Oliver Super 88, -99, 770, 880, 950, 1550, 1600, -Fwd, 1650, -Fwd, 1800C, -Fwd,  
 1850  
 Owatonna Mustang 545, 552  
 Rayco Gopher 625-b  
 White 2-62, 2-63, 2-78, 4-80  
 White-Oliver 2-62, 2-78, 4-78, 4-80

MODEL	CODE	RATE
w/o attachments	A	\$12.29
loader, auger or dozer	B	\$12.39
backhoe, w or w/o dozer	C	\$13.83
backhoe or auger & loader	D	\$14.10

**TRAFFIC CONTROL & SAFETY DEVICES (HOURLY RATES) [TRAFA]**

DELAY FACTOR = 0.49 OVERTIME FACTOR = 0.55

**CHANGEABLE MESSAGE SIGN [CMSN]**

MODEL	CODE	RATE
Generator	GEN1	\$15.63
Generator w/ cell remote	GEN2	\$17.69
Solar	SOL1	\$13.10
Solar w/ cell remote	SOL2	\$15.16

**FLASHING ARROW SIGN [FLAS]**

Including supplies, replacements and servicing.

MODEL	CODE	RATE
Roof mounted	RM	\$0.78
Trailer mounted	TM	\$2.77

**TRAFFIC CONTROL & SAFETY DEVICES (DAILY RATES) [TRAFD]**

DELAY FACTOR = 0.74

Includes supplies and servicing. The following allowance is entered on the extra work by using days instead of hours worked. Crash cushion barrels and K-rail sections are now listed with Non-Operated items [NONOP].

**(1) BARRICADES [1BAR]**

(A) 750 mm to 900 mm high & 600 mm to 900 mm wide (30 to 36 inches high & 24 to 36 inches wide)  
 (B) 1500 mm high by 1200 mm wide min. (60" high by 48" wide min.)

MODEL	CODE	RATE
(A1) each with flasher	A1	\$0.30
(A2) each without flasher	A2	\$0.16
(B3) each	B3	\$0.69

**(2) TRAFFIC CONES [2TC]**

Lost or destroyed are no longer paid on invoice.

MODEL	CODE	RATE
(A) 450 mm (18") high, per 100	A100	\$3.81
(B) 700 mm (28") high, per 100	B100	\$8.02
(D) 700 mm (28") high w/ refl sleeve, per 100	D100	\$12.11
(E) 1050 mm (42") high w/ refl sleeve, per 100	E100	\$18.32

**(3) PORTABLE DELINEATOR [3DEL]**

Lost or destroyed are no longer paid on invoice.

MODEL	CODE	RATE
per 100	100	\$11.67

**(4) ILLUMINATED SIGNS [4SIG]**

MODEL	CODE	RATE
incl 900 mm x900 mm (3'x3') sign & batteries	12V	\$3.81

**(5) FLASHING BEACON [5BEA]**

MODEL	CODE	RATE
portable 12 volt	12V	\$3.84

**(6) FLAG/SIGN STAND [6FSS]**

MODEL	CODE	RATE
incl sign, stand & 3 flags	EACH	\$1.75

**(7) DELINEATOR DRUM [7DDR]**

MODEL	CODE	RATE
Del. drum w/ base per 100	100	\$38.88

**TRAILERS, EQUIPMENT, LOW BED [TRAIL]**

DELAY FACTOR = 0.49 OVERTIME FACTOR = 0.56

Includes all attachments and accessories related to hauling. The rates cover flat and drop deck type with and without folding/removable gooseneck or oscillating trunion. Pilot vehicles are extra. Listed in accordance with Mfr's rated capacity in tonnes (tons).

**LOW BED A [LB-A]**  
Including 1 or 2 axles with 4-8 wheels.

OVER	ID	CODE	RATE
7.3 (8)	9.1 (10)	08-10	\$3.53
9.1 (10)	13.6 (15)	10-15	\$4.11
13.6 (15)	18.1 (20)	15-20	\$4.56
18.1 (20)	22.7 (25)	20-25	\$5.80
22.7 (25)	27.2 (30)	25-30	\$6.83
27.2 (30)	31.8 (35)	30-35	\$7.15
31.8 (35)	36.3 (40)	35-40	\$7.83

**LOW BED B [LB-B]**  
Including 3 axle with 12 wheels.

OVER	ID	CODE	RATE
9.1 (10)	13.6 (15)	10-15	\$5.74
13.6 (15)	18.1 (20)	15-20	\$6.04
18.1 (20)	22.7 (25)	20-25	\$6.63
22.7 (25)	27.2 (30)	25-30	\$7.22
27.2 (30)	31.8 (35)	30-35	\$8.67
31.8 (30)	36.3 (40)	35-40	\$9.20
36.3 (40)	45.4 (50)	40-50	\$10.20
45.4 (50)	54.4 (60)	50-60	\$11.55
54.4 (60)	68.0 (75)	60-75	\$14.03

**LOW BED C [LB-C]**  
Including 4 axles with 16 wheels.

OVER	ID	CODE	RATE
22.7 (25)	27.2 (30)	25-30	\$10.11
27.2 (30)	31.8 (35)	30-35	\$10.56
31.8 (35)	36.3 (40)	35-40	\$11.20
36.3 (40)	45.4 (50)	40-50	\$11.87
45.4 (50)	54.4 (60)	50-60	\$12.82
54.4 (60)	68.0 (75)	60-75	\$14.87
68.0 (75)	90.7 (100)	75-100	\$15.05

**TRAILERS, EQUIPMENT, TILT BED [TRAIT]**

DELAY FACTOR = 0.49 OVERTIME FACTOR = 0.56

Includes all attachments and accessories related to hauling. Pilot vehicles are extra. Listed in accordance with Mfr's rated capacity in tonnes (tons).

**TILT BED 1 AXLE [TB-1]**

OVER	ID	CODE	RATE
4.5 (5)	5.4 (6)	05-6	\$1.77
5.4 (5)	7.3 (8)	06-8	\$2.21
7.3 (8)	9.1 (10)	08-10	\$2.82

**TILT BED 2 AXLES [TB-2]**

OVER	ID	CODE	RATE
7.3 (8)	9.1 (10)	08-10	\$2.82
9.1 (10)	10.9 (12)	10-12	\$3.11
10.9 (12)	12.7 (14)	12-14	\$3.54
12.7 (14)	14.5 (16)	14-16	\$3.70
14.5 (16)	16.3 (18)	16-18	\$3.85

16.3 (18)	18.1 (20)	18-20	\$4.01
18.1 (18)	20.0 (22)	20-22	\$4.44
20.0 (22)	22.7 (25)	22-25	\$4.91

**TRENCHING MACHINES [TRENCH]**

DELAY FACTOR = 0.26 OVERTIME FACTOR = 0.77

Includes all attachments and accessories. When used, tungsten carbide tips shall be replaced by separate invoice.

**BARBER-GREENE [B-G]**

MODEL	CODE	RATE
TA56	1156	\$68.50
TA57	1157	\$71.80
TA65	1340	\$99.90
TA77	1402	\$113.80

**BOBCAT [BCAT]**

MODEL	CODE	RATE
T 116	2000	\$5.42
T 135	2010	\$13.04
T 136	2020	\$13.41
T 208	2030	\$2.87
3022	2040	\$13.45

**CASE [CASE]**

MODEL	CODE	RATE
TL 70	9051	\$2.11
TL 100	9053	\$3.00
TL 120	9055	\$3.74
TL 200	9070	\$3.91
16+4	9120	\$6.42
25+4	9170	\$9.03
25+4 XP	9171	\$11.09
30+4 standard	9224	\$13.24
DH4	9255	\$16.43
DH4B	9256	\$18.18
DH5	9257	\$18.77
DH5 QUAD	9259	\$21.21
DH7	9261	\$21.92
360	9263	\$12.20
ROAD RUNNER 360	9277	\$16.75
TF 300	9374	\$8.69
TF 700	9398	\$10.59
TF 800	9405	\$13.92
TF 1000	9460	\$19.56
760	9485	\$21.61

**DITCH WITCH [D-W]**

MODEL	CODE	RATE
C 77	5315	\$2.13
C 99	5350	\$3.09
J 20	5370	\$5.72
M 4	5375	\$2.88
M 422	5377	\$3.64
R 30	5390	\$10.77
R 36D	5400	\$12.30
R 40	5432	\$14.99
R 65	5556	\$15.04
R 100	5565	\$34.57
V 30	5618	\$9.54
1410	5620	\$4.16
1420	5625	\$4.69

1500	5630	\$2.99
1620	5635	\$6.09
1810	5640	\$6.47
2020	5645	\$9.29
2200	5650	\$7.82
2300	5660	\$11.58
2310	5662	\$11.80
3210	5670	\$13.95
3210 Combo	5675	\$15.49
4010	5677	\$19.31
4010 Combo	5678	\$18.05
5010	5679	\$16.81
6510	5680	\$21.42
6510 Combo	5685	\$24.52

**MIDMARK [MDMK]**

MODEL	CODE	RATE
108	7925	\$2.69
140	7930	\$5.48
202	7935	\$7.39
220	7940	\$8.55
300 A	7945	\$10.54
321	7950	\$11.98
400 A	7955	\$14.09
440	7960	\$19.29

**VERMEER [VERM]**

MODEL	CODE	RATE
M 220	8360	\$6.77
M 455 / M455A	8480	\$25.54
M 475	8570	\$24.17
M 475A	8571	\$27.20
M 485	8580	\$30.79
M 495	8585	\$42.86
T 300B, T 300A	8718	\$11.43
T 400C, T 400B, T 400A	8781	\$32.71
T 600D, C, B, A	8842	\$49.82
T 650	8843	\$88.68
T 800B, T 800	8870	\$79.12
T 800C	8871	\$86.17
T 850	8875	\$146.79
V 430	8930	\$14.29
V 430A	8951	\$16.18
V 434 / M 434	9000	\$13.01
V 440	9015	\$19.27
V 450	9017	\$23.55
V 454	9020	\$18.15
V 1550	9025	\$6.82

**TRUCK, TRUCK TRAILERS, EXCL DUMP TRUCKS & EQPT TRAIL [TRUCK]**

DELAY FACTOR = 0.29 OVERTIME FACTOR = 0.74

Includes all attachments and accessories related to hauling, with and without trailers as needed. Includes water trucks, freight trucks and passenger vehicles. Listed by Mir's Gross Vehicle Weight in kilograms (pounds). For tractor-trailer units, the gross vehicle weight of the cargo carrying unit or units will control. In the case of water trucks, the tank capacity expressed in kilograms (pounds) of water plus 20%, will be determine the gross vehicle weight. For attachment allowance, see Attachment class.

**TRUCKS [T&TT]**

QVEB	ID	CODE	RATE
cars, trucks 680 kg (3/4 T) & lighter		PICKUPS	\$6.67

0	5443 (12000)	5443 (12000) no sm pickup	00-12	\$7.79
5443 (12000)	9072 (20000)	9072 (20000)	12-20	\$11.61
9072 (20000)	12701 (28000)	12701 (28000)	20-28	\$12.34
12701 (28000)	16330 (36000)	16330 (36000)	28-36	\$15.56
16330 (36000)	21773 (48000)	21773 (48000)	36-48	\$18.78
21773 (48000)	27216 (60000)	27216 (60000)	46-60	\$25.33
27216 (60000) & over			60	\$37.18

**TRUCKS, OFF HIGHWAY [TRUOF]**

DELAY FACTOR = 0.37 OVERTIME FACTOR = 0.65

Includes all attachments and accessories. Includes end dump, belly dump and earthmover types. Listed in accordance with Mir's rated capacity in tonnes (tons). In the case of earthmover types, rated by Mir's volumetric capacity, a factor of 1.4 tonnes per cubic meter (1-1/2 tons per cubic yard) of struck capacity shall be used.

**TRUCK OFF-HIGHWAY [TRU]**

QVEB	ID	CODE	RATE
9.1 (10)	13.6 (15)	10-15	\$21.34
13.6 (15)	16.3 (18)	15-18	\$37.16
16.3 (18)	20.0 (22)	18-22	\$37.72
20.0 (22)	24.5 (27)	22-27	\$48.54
24.5 (27)	29.0 (32)	27-32	\$55.73
29.0 (32)	36.3 (40)	32-40	\$77.22
36.3 (40)	49.9 (55)	40-55	\$111.56
49.9 (55)	60.8 (67)	55-67	\$120.13
60.8 (67)	69.9 (77)	67-77	\$137.70
69.9 (77)	78.9 (87)	77-87	\$157.97

**TRUCKS, DUMP, ON-HIGHWAY [TRUON]**

DELAY FACTOR = 0.16 OVERTIME FACTOR = 0.83

Includes all end dump, side dump and belly dump types; including all attachments and accessories.

**TRUCK ON-HIGHWAY [TRU]**

MODEL	CODE	RATE
2 axles	2AXL	\$17.54
3 axles	3AXL	\$30.43
4 axles	4AXL	\$32.94
5 axles	5AXL	\$36.93

**WELD EQUIPMENT [WELD]**

DELAY FACTOR = 0.27 OVERTIME FACTOR = 0.75

**ARC WELDING MACHINES [AWM]**

Diesel, gas or electric powered. Includes helmets, holders, cable and all attachments and accessories. Rated capacity in amps.

QVEB	ID	CODE	RATE
0	250	0-250	\$2.15
250	500	250-500	\$4.63
over	500	500	\$5.23

**GAS WELDING OUTFIT [GWO]**

Includes regulator, 7.6 meters (25 feet) of hose, torch, goggles, lighter and attachments and accessories. Gas and rod shall be paid separately.

MODEL	CODE	RATE
ALL	ALL	\$0.15